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The Industrious Hen

Devoted to every interest of the
Poultryman, Live Stock Breeder and Small Farmer



Knoxville, . . . Tennessee

50c. Year

August, 1905

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The Industrious Hen

Devoted to Every Interest of the Poultryman, Live Stock Breeder and Small Farmer

Vol. 2

Knoxville, Tenn., August, 1905

No. 3

OBJECTS IN PURE BREEDING

H. E. BRANCH, Chalk Level, Mo.

IN DISCUSSING poultry topics or any other field of science personal animus should be strictly barred. What the breeder wants is a forceful exposition of breeding law as based on science. Every step should be guided by reason with a definite purpose in view. The purpose of all active energies is to win popular approval as measured by public demand. If demand is wanting then energy is wasted because there is no market for the product of labor. Every successful enterprise is the offspring of popular demand and must be conducted with economy of energy to yield the best returns in net financial profits. The market is the last resort of intelligent effort.

If the reader and breeder will keep these axioms in view and apply them to daily affairs his success will be greater. Now, let us give some thought to breeding law and the origin of breeds as affecting human interest. Why do we have breeds? What is the purpose of pure breeding? Is it the response to a special demand for a specified type? Why were Orloff and Hambletonian trotters of great speed produced? Simply because the market demanded them and put up big money as an equivalent for speed traits.

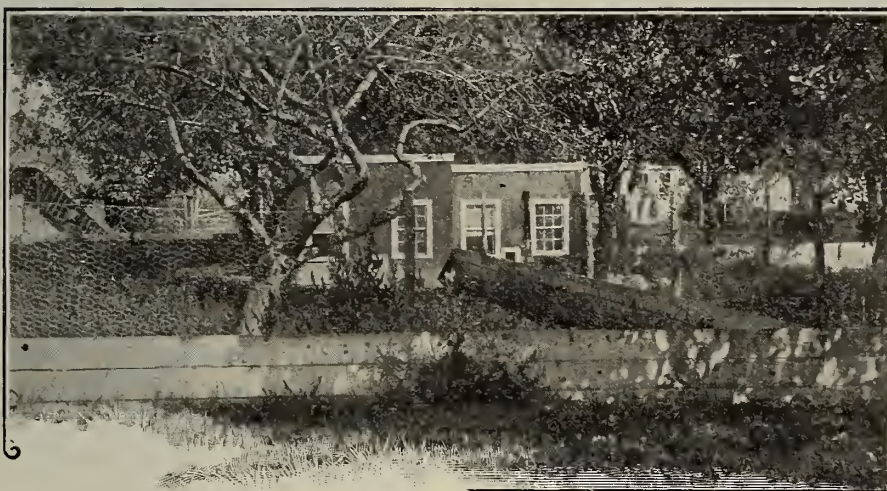
By proper selection of sires and dams and the exercise of intelligence in applying breeding law we may transmit speed traits to offspring. When we pursue this system of breeding so long that we fix a definite type of sire and dam having prepotent speed traits, we call it a pure breed. We had a definite purpose in view and have employed every energy and our best intelligence in its accomplishment. We now want to formulate a standard of breeding that will fit our breed by defining each peculiar trait inherent in the breed. This is the only way to preserve the fruits of our efforts and maintain a type fixed by care and intelligence. Now, if we introduce a single trait foreign to breed type, we destroy the purpose of long and intelligent effort.

Now, friend McAmy, we will give some thought to the origin of the Berkshire hog. The market demanded a hog with grand hams and shoulders and great bacon properties. A prolific breed having those properties would satisfy public demand and yield great profits. Intelligence saw a fertile field and made haste to cultivate it. Every element that added to economy of production in producing that type was employed,

the prime purpose being to supply the demand for choice hams, shoulders and bacon. That was our purpose and profit our object. Sires must be vigorous and dams prolific to yield great profits, and they must be specially strong in ham, shoulder and bacon traits. We let color and the incidents of breeding take care of themselves as they had no market value and devoted our energies to supplying popular wants. The other fellow appealed to our cupidity and we employed our intelligence to secure his cash. We employed sires and dams strong in desired traits. We are still at it. Offspring inherit their traits from ancestry. A sire can not transmit a trait that he does not possess and the same with dams. Knowing this inexorable law of nature we always selected vigorous sires and prolific dams having fine ham, shoulder and bacon traits. After years of intelligent care and selection in mating we fixed our type but we got other certain incident traits besides hams, shoulders and bacon. These traits were a fixed part of our

breed type. When we eliminate even one of these traits we rub out the labor of years and destroy the character of our breed. We now have a well defined type as fixed as the laws of the Medes and Persians. The pigs are as like as peas from one pod. In addition to hams, shoulders and bacon our system of breeding gave us a hardy, vigorous, prolific breed of black hogs having small, erect, pointed ears, a bald, dished face, white feet,

tip of tail and occasionally a splash of white on arm or ear. Yes, we have a standard and we framed it to fit our breed instead of framing it in violation of breeding law like the standard for B. P. Rocks. We bred for market traits and won on market quality. Our show hogs are bred to market requirements and will transmit with certainty those market traits to their progeny and our standard is designed to intensify our Berkshire quality. But we didn't call it "perfection." Oh, no; not at all! We "fancy" good hogs and good fowls but we know that it requires cool discrimination and expert judgment to succeed in breeding them. Change the shape of the Berkshire ear and you change every breed trait in greater or lesser degree because you must change the type of sire and dam to accomplish your purpose. When you alter type you destroy breed. A man who never bred anything but fowls ought to know that much. A black White Wyandotte



BREEDING HOUSE AT WILLOW BROOK FARM, BERLIN, CONN.

and a lop-eared Berkshire belong to that class of breeding misfits conjured up by "fancy."

No, it is not necessary for the judge to ask the number of pigs farrowed. The market and common sense will settle that question. If I don't produce with profit I must go into bankruptcy. That's plain! If I don't furnish blood lines that add utility, value and profit to herds, I lose patronage. Common sense compels me to supply vigorous, prolific stock that is chock full of utility value. Our markets call for utility, quality and our showings emphasize that call. A prize winning bull would top the market as a fat steer and a prize winning dairy cow is a valuable family adjunct. Had Longfellow and Model Duke been emasculated when pigs they would not have added to hog history and Berkshire fame but they would have been sweepstakes winners at the butcher's block for prime hams and bacon.

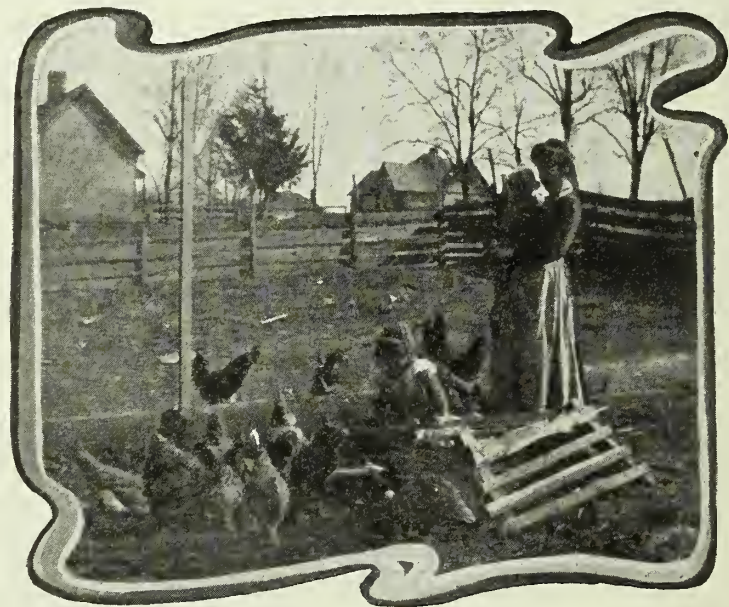
"But the point is, we must have that 'single, well defined type,' and when we have it we must breed to it, although we may not approve of all its requirements. It's what the chicken man, the hogman, the cattleman, Mr. Branch and myself all breed to." Now, I'll go back and quote again showing how Mr. McCamy builds cob houses and then knocks them over. "Some breeders object to the double mating, among them Mr. Branch. Now to my mind double mating adds a zest that wouldn't be there otherwise. But whether it is right or wrong it is no concern of the market poultryman." Will Mr. McCamy explain how he can secure "a single well defined type" when he employs two types of males and two of females as in double mating? I pause for a reply. Mr. McCamy blows hot and cold in the same breath. He says he breeds to a single, well defined type and then he says he breeds to produce two classes or types of cockerels and two of pullets in the same so-called breed. I'll have to take issue with Mr. McCamy explain how he can secure "a single, well defined type" Now, I propose to defend the market poultryman. The market demands a well defined type and the man who breeds that type will be top dog in the ground scuffle, and don't you forget it! We go to the market to get market fowls, discover market type and find out market demands. That is what the Berkshire breeder did because he breeds hogs to SELL and the market is the place to dispose of products. The skillful Berkshire breeder breeds with that SOLE purpose in view and applies sires and dams that measure up fully to the purpose of their breeding and their offspring top market prices. The intelligent, expert poultry breeder has but one object in view and that is to meet market demands with the greatest economy and most profit. He does not go to the A. P. A. because it was not organized to comply with market requirements, nor to the "fancier" because he breeds solely for "perfection of form and purity of color" without any regard to market traits, but, like the Berkshire breeder, he goes to the fountain head, the markets, the great packers—surely good authority. The packers say a plump hen weighing three to four pounds dressed is an ideal market fowl. That is the reason more Mediterraneans are bred today than all other classes combined. They meet the demand for eggs and meat with the greatest economy and most profit. The practical breeder gets what he breeds for, lots of eggs and cheap meat. His machine is adapted to his purpose, and will give greater returns at less expense, Mary Ann. The "fancier" CAN'T help us any. He gets what he breeds for, "perfection of form and purity of color," nor is he likely to get the useful traits for which he does NOT breed. He does NOT breed market fowls nor does he SHOW fowls bred for MARKET PURPOSES. The practical poultry man, like the Shorthorn breeder, is ready, willing and ANXIOUS TO PAY GOOD PRICES for sires and dams that will add market value to his flocks.

No! Dad's not dead! but ONE HEAD WAS CRACKED before Dad entered the lists.

We regret that the dictionaries used in the public schools

by our children and that construe language according to common idioms, will not meet the necessities of the "fancier," and hope he will get out a PROPER dictionary and throw some sunbeams OUR way. Until that time we'll have to grope ahead with what light we have. Yes; the expert breeder was ONCE a fancier. We are all "fanciers" on certain lines. When we fancy or have a liking for a thing without being able to give definite reasons, analyze, dissect, construct and control the laws of being, we are "fanciers." When we reason, analyze, dissect, construct, comprehend, and give direction to the laws of being, we leave the field of "fancy" behind us and enter the realms of reason and science. Fancy is the germ. Skill brings fruition. Fancy starts out in darkness but skill takes her by the hand and leads her under the lime light of science. A man must fancy or like music before he can become an expert musician. The trouble with Mr. McCamy is he puts the cart before the horse—tries to make the tail "waggleth th' dog!"

A German "fancier" paid \$1,000.00 (so the paper said) for a Black Minorca cock worth just 25c on the K. C. market. The paper in giving the sum of his attributes said he won 1st at Chicago and weighed nine pounds. Going to the "standard



FEEDING THE CHICKS—Pin Money Poultry.

of perfection," the mentor of the showroom, we find that he won on dress parade only. You have the sum of his virtues. That cock is not qualified to add market value to any flock. Any practical breeder knows that a nine pound cock is not typical of the Minorca breed.

Now I'll contrast one other prize winner to that wonderful cock and close: The champion Hereford bull, Dale, sold for \$10,000.00. His ancestors for ages had been line breed to intensify beef traits. Every energy had been bent to increase beef traits and market value in his breeding. His breeding gave him the power to transmit his wonderful beef traits to his offspring. The true value of such a bull can not be estimated. His blood lines will add market value to any herd and his offspring will write Hereford history. He won on market quality and his purchaser will get cent per cent on his investment.

Hip! Hip! Hip! Hurrah! Did I hear you yell for a Practical Poultry Association?

10c in silver or stamps, before the 15th of August, will pay for one year's subscription to the *Industrious Hen*. Regular subscription price is 50c. This offer will not be repeated.

How to Build Up the Poultry Industry of Your Section

By D. M. OWEN, Associate Editor.

IT HAS been said that the American people like to be humbugged, and that "distance lends enchantment to the view." If you are going to purchase fine poultry or eggs, be sure and do not buy them from your home breeders even if they have extra fine stock and have taken premiums at the largest shows in hottest competition. Send as far away for your eggs as possible, as you will get to pay more express charges and the eggs will likely be so old and badly shaken up with the long trip that you will get only about one-fourth as many chicks from them as you would from eggs purchased nearer home, and as you will get so few chicks you will appreciate them the more. If you want fowls send off after them, for when you get them they will not be acclimated and may soon die and thus save you further trouble in caring for them. And then if you buy from your home breeder you would likely have the trouble of going to his yards and picking out just what you want and the birds that suit you best. When if you order from a distance you will be saved this trouble, and the party you order from will have to select them and of course he will always be more honest with you than your home breeder will and will send you his best breeders and most vigorous birds and will keep the poor specimens for his own use.

If you belong to a poultry association and aim to have a show be sure to send as far away as possible for a judge, even if you do have several poultry judges near you that are fully competent. For your association will likely have more surplus money than they know what to do with, and it is best to use as much of it as possible in paying the judge's railroad fare. Always look out for the cheapest man you can get regardless

of competency, for as a rule breeders of high class poultry who have spent years in bringing their birds to a high state of perfection and who have gone to much expense in exhibiting at your show will not care whether the judge is competent or not. And remember that just any one who can read a Standard can judge poultry correctly. It don't take years of study and

take one that is published as far away from where you are located as possible. It will be of more benefit to you to know all about how to raise, house and care for poultry, in some distant country than to know how to raise same at home.

And then the poultry journals so far away are not so likely to take any interest in your home affairs, or help to build up the business of the poultry industry of your section and perhaps help out your neighbor competitor as well as yourself. If you should patronize your home breeders, judges and poultry papers you might help to build up the poultry business of your



3rd Prize S. C. Buff Orpington Cock, Madison Square Garden, 1905. Owned by Willow Brook Farm, Berlin, Conn.

own section until it would become noted as one of the leading poultry sections of the country, and your trade would increase to a point where it would take up some of your time in looking after it.

Bear in mind that it is best to send off after everything, and that it is impossible for good poultry to be produced in your section. That judges of your section are not as competent or as reliable as those from a distance and your home poultry paper is not in position to know your needs as well as those published in some far distant state. Now, fellow breeders, think along this line. When you help this section you help yourself. What's the matter with East Tennessee poultry? They won at St. Louis over the cream of the United States. What is the matter with our Southern judges; were any complaints made against their work in the show room last season? Are they competent, sober and reliable men? What is the matter with our Southern Poultry Press; is it not up to date? How about the INDUSTRIOUS HEN? Compare her with any other poultry publication of the United States? Is the HEN working for East Tennessee interest as well as the poultry interest of the whole country? Do you appreciate the expense and labor it takes to get out the HEN? Patronize her, and all other home institutions and grow up with them.

* * *

LAMENESS among fowls that are fat and heavy is often caused by the roosts being too high.

* * *

Make up a club of ten and send us \$1 for a year's subscription to each.



1st Prize S. C. Black Orpington Cock, Madison Square Garden, 1905. Owned by Willow Brook Farm, Berlin, Conn.

practice in the show room to make a competent judge. Always get mad and kick if your birds don't win, for it is an infallible sign the judge is either incompetent or acting fraudulently if your competitor's birds win. When you want a poultry journal,

The Industrious Hen

DEVOTED TO EVERY INTEREST OF THE

Poultryman, Live Stock Breeder and Small Farmer

Published monthly by THE INDUSTRIOUS HEN Co., 617 Gay Street, Knoxville, Tenn.


FIFTY CENTS A YEAR - - FIVE CENTS A COPY.

J. HOWARD SLEDD.....Editor

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F. S. BULLINGTON, Breeder Richmond, Va.
F. J. MARSHALL, Expert Judge Atlanta, Ga.
D. M. OWEN, Expert Judge Athens, Tenn.
J. S. JEFFREY West Raleigh, N. C.
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And a staff of contributors unequalled by any periodical of its class.

 If this paragraph is marked with a blue pencil, it means your subscription has expired. Please renew.

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BREEDERS' PLAIN CARDS will be run at the rate of one cent per word each insertion. Numbers and initials count as words. No card taken for less than 25c.

Application made for admission to the mails at Knoxville, Tennessee, as second-class mail matter.

August, 1905

You may be surprised to receive two issues of the HEN so close together. One object is to so arrange our dates that every subscriber shall receive his paper not later than the first of the month of issue. To do that we shall hope to mail our September issue the last week in August and so on.

Our Paper

△ △ △ △

The poultrymen of the South have had a good year and are anticipating a fine fall trade. They have taken extra care of their stock and success has rewarded all their efforts. In every branch of industry is sign of progress and the poultrymen and women are not being left behind in the forward march.

A Good Year

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It is a great pity that so many of our shows come during the same week. Many of our breeders desire to make a circuit of shows—and the HEN wants to be at many of them—but the dates as now arranged will militate against this since it is not possible for the same person to be in two places at one and the same time.

A Pity

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Southern breeders have won in the largest shows in this country and I would like to see a whole string of Southern reared birds at the Hagerstown show. I go further, I would like to see Tennessee send an entire car load and thus give their Eastern friends an ocular demonstration of what they can do. If enough are interested in the matter I will take it up with the Railroad and see what can be done as to special rates, etc. Why not?

On to

Hagerstown

The season for the shows will soon be here and we may anticipate a few disappointments. In every show room will be

Ethics in the Show Room

found some critics—some, who if they knew one-half they think they know, would be so far superior in their wisdom to that displayed by the judge that nothing is left for them to learn. The facts are that none of us are in a position to arrogate to ourselves all the brains that is represented by the great army of poultrymen and we should be willing to accord to our judges honesty of opinion and fairness in placing the ribbons. Now, before you send your birds to the show look at matters from an unbiased standpoint and make up your mind that whatever the result you, at least, will not be numbered among the kickers. Remember that there is such a thing as ethics and carry with you the ethics of social life into the show room—and let the management and all poultrymen have it to say that you were a good winner or a graceful loser as the case may be.

△ △ △ △

A Southern Poultry Association made up of representatives from all the local and state shows would be a good thing. It would be good to get all the representative Southern poultry men together and let them exchange views on many topics that are of vital interest to them. As the head center of the Southern shows they could for one thing eliminate the conflicts in dates by mapping out a show circuit, or if needs be, two show circuits. They could designate some city, or some city could be chosen by lot, each year at which they would hold their annual meeting and this show should be the last on the circuit so that all the best specimens—the prize winners—of all the other shows could be brought together in one immense show. So far as I know the show at Knoxville will be the last Southern show of the season. Would it not be well if each association interested in the movement sent a delegate or more, accompanied by some good show birds, to meet with the boys here and discuss this matter? In the meantime the columns of the HEN are open to you, gentlemen, and you are invited to express your views. Don't be backward.

A Southern Poultry Association

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It seems to be true that "distance lends enchantment to the view" and that humanity is prone to run after "strange gods." The Southern poultryman is no exception to this rule. He has not been content to extend his patronage to his Southern brother—to even divide with him—but has acted on the principle that "no good thing could come out of Nazareth" and sent his shekels to other markets for stock and fixtures for his poultry yards. He has gone further than that; he has placed at a discount all the brains in his own section and feels that no show can be judged unless there is an importation of brains to judge it. He expects the Southern poultry press to live on his good will and devote pages of his paper to "booming" his show. If you will study the field you will find the above statements are true. The HEN has no crow to pick with Southern breeders along this line as they have been, many of them, her loyal supporters, but she does feel that the patronage of our people should be given FIRST to those who are in her midst. I would not be sectional, but when the Southern breeder has clamored for a Southern periodical it is but just that he give those periodicals his support before going away from home. The crop generally grows where the seed is sown and it is not likely he will have a crop of sales in the section where he sows no seed—advertising. The poultry press throughout the country show that they have local support and foreign as well. That must be the case with our people. If they hope to see their own papers equal those of other sections they must first of all give them their patronage and then go from home with the residue.

Stick to

Your Paper

△ △ △ △

The Poultry Press Association of America has had its first annual meeting. THE INDUSTRIOUS HEN was there. She had a most cordial welcome and feels that the work of the association as outlined will be productive of good. That the press has heretofore been conducted—each fellow for himself—without due regard to the rights and privileges of others—that it has been the plaything, in many cases, of those who chose to use it to “boost” themselves and has been compelled because of the lack of unity to submit to many things, all know. The primal object of the association is the elevation of the poultry press to that plane in journalism to which it is entitled by right both of the capital invested and the brains used in directing that capital. A full report of this meeting with its plans will be published in our next issue.

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The special offer of the HEN for one full year for the small sum of ten cents is bringing in many subscribers. Thousands should be added to our list under this price which is so low that many do not understand how it can be done. The HEN is determined to become an inmate of all the homes of our people and to give them the truth as to poultry, live stock and the farm. This offer can not be, will not be repeated and all subscriptions on this offer must reach us by the 15th of August. Do not neglect this opportunity to secure a first class poultry journal for less than one cent a month. Should your subscription at this rate be received after the 15th of August your money will be returned to you. Now is the time to send it in.

△ △ △ △

Careful study convinces us that the fancier—so-called—is putting in good work in the development of great egg producing strains of fowls, and that he is becoming extremely utilitarian. He has discovered the truth—that beauty and business can be wedded in such a union that they will win either in the show room or on the market. This same “fancier” is no dillitante but rather a seeker—a hard worker—after the hidden things in nature’s laws and even tho’ he go astray at times yet he learns much that is unknown to the average man and in his generosity—for he is generous—he gives every one the benefit of what he has found to be true in relation to breeding for specific purposes.

△ △ △ △

One of the gravest errors of beginners is that they attempt too much—undertake more than they can well attend to. This is evidenced by their multiplying the breeds they handle. One breed well attended to and brought to its best is far more profitable than a half dozen badly handled without any study of their characteristics. In many instances the beginner comes to grief and drops out of the business, whereas had he taken one breed and given it careful study he would have succeeded.

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It is with peculiar sadness that we chronicle the death of Mr. J. L. Ogden. Only a few days ago he was showing us his White Rocks and now he has “passed over the river.” He was a man among men and will be missed by many. *Requiescat in pace.*

△ △ △ △

I have been forced to use the scissors a good deal in this number as I have been absent and the HEN’s writers did not get word in time to get in manuscript articles. The clippings are all good. Read them.

J. Howard Shead

SHOW DATES.

Georgia State Fair Association, Atlanta, Ga., October 17-21, 1905. Frank Weldon, Secretary. Judge J. H. Drevenstedt.

Georgia Farmers’ Fair and Live Stock Exposition. Good premiums for poultry and pet stock. Given by Macon Fair Association, October 24 to November 3, 1905. Send for premium list. J. S. Budd, Superintendent; D. M. Owen, Judge.

Mobile Poultry Breeders’ Show, Mobile, Ala., November 28-December 1, 1905. F. J. Marshall, Judge. E. P. Hayssen, Secretary.

Charleston Poultry Association, Charleston, S. C., December 6 to 13, 1905. T. J. McCarty, Secretary; Dr. S. T. Lee and F. J. Marshall, Judges.

Huntsville, Ala.—Dec. 11-16, 1905. Jno. L. Hay, Secy.

Monroe, N. C.—Dec. 12-15, 1905. T. P. Dillon, Secy.; F. J. Marshall, Judge.

Birmingham, Ala.—Dec. 12-15, 1905. Chas. Barber, Secy.; S. B. Johnson, Judge.

Columbia, Tenn.—Dec. 19-22. R. S. Hopkins, Secy.; F. J. Marshall, Judge.

Cleveland, Tenn.—Dec. 20-22, 1905. A. J. Lawson, Secy.; D. M. Owen, Judge.

Mississippi Poultry and Pet Stock Association, Aberdeen, Miss., December 26 to 30, 1905. Addison Brannon, Secretary.

Tacoma, Wash.—Tacoma Poultry Association 13th annual show Dec. 27, 1905, to Jan. 1, 1906. Elmer Dixon and Harry H. Collier, judges. Mrs. C. A. Pratt, Secy., 3203 South Seventh St., Tacoma, Wash.

Nashville, Tenn., January 1-6, 1906. Jas. A. Murkin, Jr., Secretary. Judges F. J. Marshall, Loring Brown.

Augusta Poultry, Pigeon, Belgian Hare and Pet Stock Club, Augusta, Ga., January 8 to 12, 1906. J. W. Kellingsworth, Secretary.

Chattanooga, Tenn.—Jan. 10-13, 1906. W. F. Maury, Secy.

Charlotte, N. C.—Jan. 16-20, 1906. W. B. Alexander, Secy.; H. P. Schwab, Judge.

Atlanta, Ga.—Jan. 17-23, 1906. C. O. Harwell, Secy.

Knoxville, Tenn.—Jan. 17-19, 1906. R. S. Porter, Secy.; D. M. Owen, Judge.

WASTE GARDEN PRODUCTS.

Use the waste of field and garden to furnish food to your hens and chickens. The tall weeds of the sweet-corn field can be thrown into the yards or piled up near the roosting coops. Purslain will soon be spreading out its vines and can be pulled, half a peck to a plant, and makes the best of green food for yarded birds. As you thin the corn, clear up the lettuce row, finish up the last of the raddish bed; keep the chicks in mind.

Witch grass can be dug—pulled out of the field—and piled in the hen yard. Make use of the waste product of your garden, it will save money on the grain bill, as well as help keep the birds in good laying condition. The growing chicks should now be on free range, or at least in so large a yard as to be in grass at all times.

CLEAN runs for the chicks are the best preventives of gapes.

As only a short time is left in which we can receive subscriptions at 10c a year we ask every reader who is not a subscriber to send his name and ask some one other person to do so. If every friend of the Hen would devote ten minutes in her behalf think what they could accomplish. Our subscription list could be doubled in ten days.

TENNESSEE STATE POULTRY BREEDERS' ASSOCIATION.

Organization Starts Off With Nearly 100 Names Enrolled and Applications Coming in Rapidly From All Over the State.

Why Every Poultry Fancier Should Join the Association—Jno. A. Murkin, Jr., Sect.

THE INDUSTRIOUS HEN is pleased to note the great enthusiasm that is being manifested all over the state of Tennessee in the new Tennessee State Poultry Breeders' Association, which was put on foot in Nashville a few weeks ago. The secretary, Mr. John A. Murkin, Jr., writes us that applications for membership are coming in every mail, and that he is greatly encouraged by the number of fanciers that have signified their intention of sending birds to the great Poultry show which will be held at Nashville next January. This association has undertaken a great work for

Wm. B. Shelton has embarked in the chicken business, breeding the White Plymouth Rock. Mr. Shelton has just completed an \$8,000 residence on the Highlands, and his poultry plant is equipped in the latest improved patterns.

△ △ △

Capt. West H. Morton, of the state capitol, has on his beautiful farm at Wedgewood about 400 beautiful White Wyandottes, among them some of the finest birds of this breed in the state.

△ △ △

Jno. A. Murkin, Jr., secretary of the Tennessee State Poultry Association, is also a prominent breeder of White Wyandottes. He owns many valuable birds.

△ △ △

A. G. Settle is also a prominent breeder of the Barred Rock and has about 600 chickens this year on his farm.

△ △ △

Fred Klooz still handles the blue strain Plymouth Rock, and will make some of them hump at the next show.

△ △ △

The poultry men around Nashville are much enthused at the prospects of the coming show.

THE INDUSTRIOUS HEN has on her back cover page an advertisement that is bringing good results and yet she feels that very many are neglecting this opportunity to secure the paper for an entire year for less than one cent per month. The offer will not be made again. You will never regret accepting this offer. Act now.



SCRATCHING SHED HOUSE.

From "Pin-Money Poultry" courtesy the publisher, Frank Heck, Chicago, Ill.

Do you wish to help your farmer friends and increase their interest in pure bred fowls? What easier way than to send us fifty cents or one dollar and the names of five or ten of them and their addresses. We will do the rest. You must do this not later than August 15th if you wish to avail yourself of this special offer.

the state, and it behooves every person interested in thoroughbred fowls in the state to support the association by becoming a member. The dues are only \$1.00 a year—no initiation fee—a small matter when it comes to the good that each member will derive from this association. The gentlemen who are at the head of the organization are all prominent business men of Nashville and have gone into the thing for the purpose of aiding and encouraging the breeding of thoroughbred poultry more extensively in the state and to proclaim to the world shortly that Tennessee is the greatest poultry and egg producing state in the union, and this can only be done by the hearty co-operation of every individual in the state who is in any way connected or interested in raising chickens. The annual shows are to be conducted on a large plan, and will be held each year in the different sections of the state—therefore it is of vast importance that each section, thoroughly organize to be ready. It is understood that a second and third vice-president will be elected from East and West Tennessee and also a county vice-president from each county in the state, who will thoroughly canvass the county in the interest of the association. Recommendation membership blanks are ready and can be obtained by addressing the secretary.

CARE OF THE YARDS.

Filth appears to have an especial tendency to accumulate in the yards during the summer season, and as cleanliness is particularly desirable, this may be scraped off if the soil is hard. Such treatment, however, must necessarily be frequent, and the better plan is to spade or plow the yard. By this method the fowls will have an opportunity to scratch and perhaps find many succulent worms, while the new soil turned up from below will afford a clean surface and the matter turned under will decompose and be absorbed. When the yards are sandy the spading loosens the top soil and allows the rain to carry down much of the filth that would otherwise remain. A thorough cleaning up of the premises late in the season, before the cold weather sets in, will materially aid in preventing disease among the flock. Good drainage should also be provided. Foul odors in summer and dampness in winter cause many disorders and diseases among the poultry.

Many are sending us 50c and \$1.00 and sending the Hen to five and ten of their friends for one year.

HOT WEATHER CARE OF TURKEYS—OVERFEEDING—EXTERMINATING LICE—EVIL OF SHIPPING POULTS

THE month of July is the ending of the hatching season and you can count your turkeys after they are hatched, and pretty accurately count your stock in trade if they have been raised for good, strong, healthy birds, as they can be. I always start turkeys on the range by July first or before that time if I can not keep them in the breeding yard until then. It is desirable to turn out as many broods as possible at a time as it is no more work to drive up one dozen turkeys and three flocks than to drive two or three, but it is a big task to go after two or three flocks in different directions.

USING BELLS TO LOCATE FLOCKS.

I have tried a new plan this year. I saw Montgomery-Ward, of Chicago, advertised turkey bells at nine cents apiece, with strap and buckle all ready to buckle on. I sent for some and find them fine when I turn the young turkeys out in the breeding yard at night. When I want to drive them in, the old bird with her turkey-cunning, will flatten herself down in the grass and give her turkeys a note of warning and they disappear like magic. The bell will ring every time she stirs her head, and try as she may, she can not help your finding her. When they are turned in the field a half dozen bells ringing, will easily help you locate the flock.

The work for July consists mostly in getting the turkeys home at night and teaching them to roost on low roosts prepared for them, as usually our heavy storms are over and the turkeys have reached the age when they "shoot the red" and can roost in the open air in perfect safety unless we have a terrific storm; then sometimes they are knocked off the roosts and drowned.

CAUTION AGAINST OVER-FEEDING.

A neighbor who used to feed corn meal to her turkeys and laughed at me for my prejudice against it, when her turkeys first hatched 'phoned to me to know just how I fed them; later 'phoned they were doing fine; still later reported two or three drooping. I told her how I fed the eggs only two or three to a flock of fifty. She saw the mistake was in feeding too much egg. I told her to open the first one that died and if it was over-feeding it would have white spots on the liver. She did so and found over-feeding was the cause.

A lady in Kentucky had followed my way of feeding and reported her turkeys dying. I told her by her description the trouble was over-feeding, she examined the dead turkeys and

found the white spots on the liver and ulcers on the intestines. She stopped her heavy feeding and her turkeys stopped dying. If one could see the large armful of dandelion and onions that I feed one would know the egg curd and seeds fed with it would not hurt them if they ate all the green food, as they could hardly eat enough of anything else to hurt them and they never leave a scrap of dandelion or onion, and how they do grow.

Out of a flock of turkeys of between sixty and seventy I have lost three up to date. One I accidentally stepped on, which nearly broke my heart, another was crushed between the coop and board that made their pen; the third one was a small weak turkey and made a brave fight for life, but gave up the unequal contest.

METHODS OF EXTERMINATING LICE.

There is one thing one is apt to neglect, and that is lice, if one does not have a regular day to go over them for lice. I

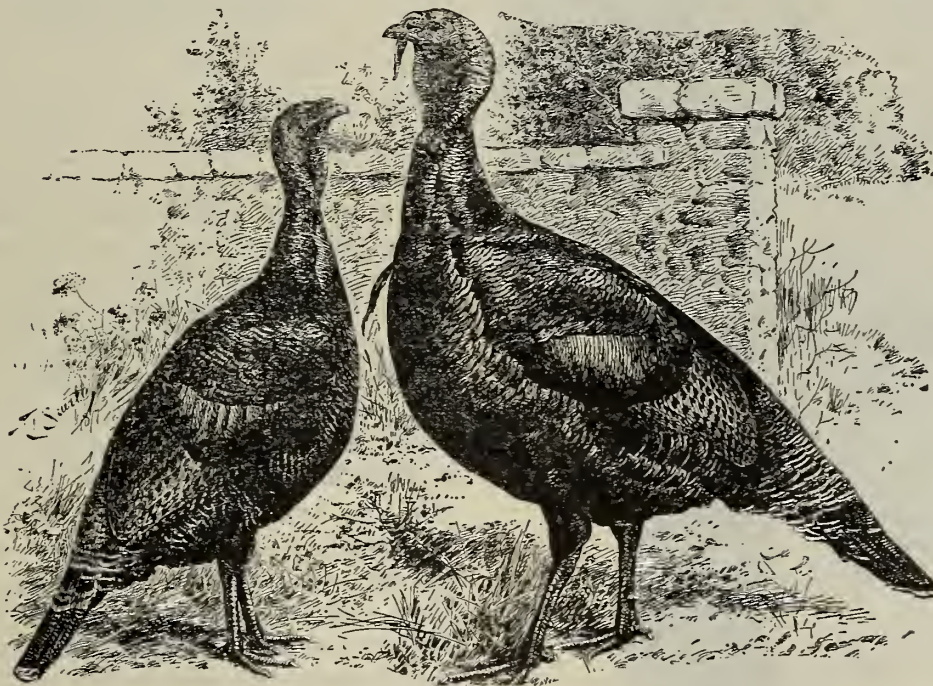
went two or three days over and this morning dusted them again with lice powder and greased their heads a little. People often write about my greasing turkeys. I put a little grease on the top of their heads to kill the large gray head lice, as one can hardly put on insect powders without getting it in their eyes.

After they are turned out on the range I never go over them for lice unless they show indications of them by being droopy. They should not be lousy as they travel through the corn fields where there is nice soft dirt to wallow in, and they do enjoy dusting so

well that lice do not get a chance at them.

DIFFICULTIES ENCOUNTERED IN TRYING TO SHIP YOUNG POULTS.

I have a letter from Massachusetts asking the price of young turkeys. Now, in the first place, young turkeys shipped at their present age, would not live to reach their destination, and if they did live, the journey would be too much with the confinement, that there would be a very dissatisfied lot of customers; besides the price they would be willing to pay would be no compensation to the raiser, as they have passed the trying period of their lives and the cost of finishing up the birds to good valuable turkeys is virtually nothing, as they get their living on the range until the ground freezes. If you shipped a coop and they arrived a coop of dead birds, as they undoubtedly would, the purchaser would refuse to take them; the express company would have to have their pay and the shipper would be out of pocket,



A PAIR OF EAST TENNESSEE BEAUTIES

out of patience and wish he had had sense enough to keep his turkeys at home.

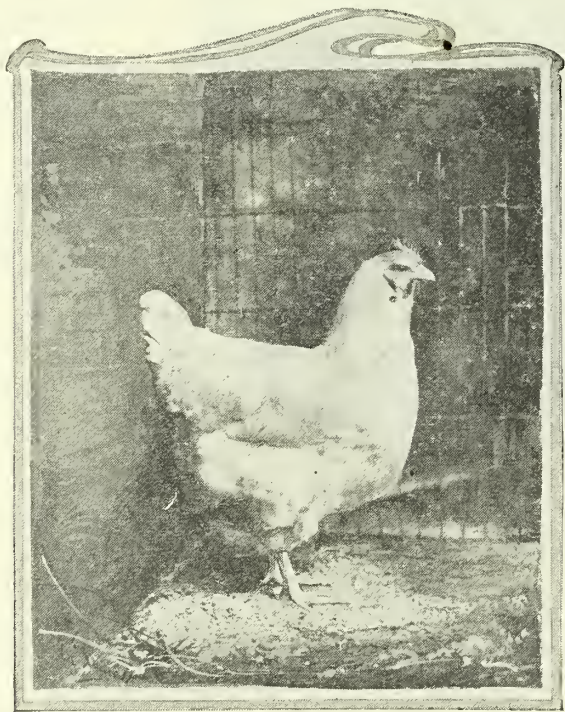
ROUNDING UP THE SEASON WITH THE LIVE STOCK.

My turkeys are beginning to roost before the twentieth of June (my earliest ones,) which means the hard work of turkey raising is nearly over for this year, and how short a time it takes to raise them; also my chickens have been roosting for some time. It seems only a day since the work began, and now the work is well over for this year.

It has been a busy fourteen weeks, but we have enjoyed it equally with the miser who hoards his gold, as we were eager to gather the eggs and build air castles of what hatches we would have; eager to grasp the dollars the birds would bring, not to hoard, but to build up a good, legitimate business that helps lift the load from the farmers' back. The year has been successful, which makes the hard work seem lighter, and we feel we have not labored in vain. I hope all the poultry keepers have been equally successful. It has not been all success, but results are fairly good.—*Poultry Keeper*.

STANDARD POULTRY FOR THE FARMER.

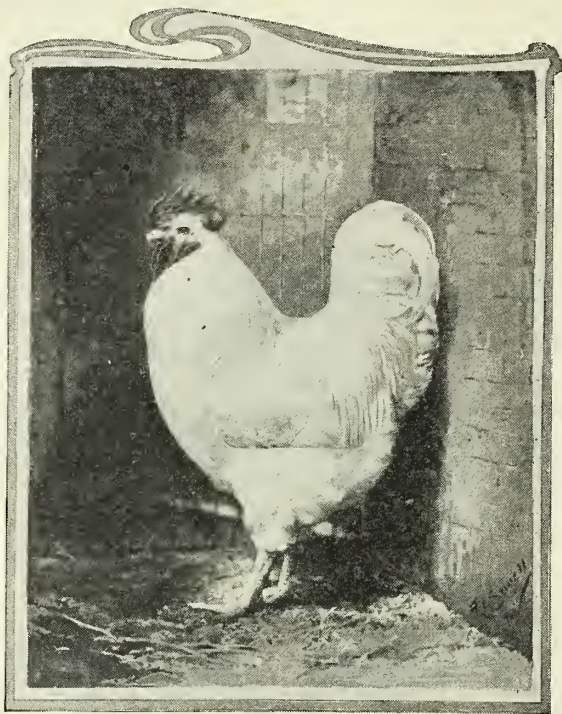
IT IS no longer a question with the intelligent and progressive farmer today as to whether or not it pays best to keep poultry of standard varieties. The facts are, if he keeps poultry at all he wants to have it on a paying basis. This can only be done by reading on up-to-date methods of how to make the fowls on the farm pay with the least expense, waste of time and annoyance to himself and wife. As there are more than fifty poultry journals published now, and every agricultural journal has one or more pages devoting space to poultry subjects giving information that has for some years convinced the reading farmer that poultry properly housed, correctly fed, and treated as all domestic stock should



1st Prize S. C. White Orpington hen, Madison Square Garden, 1905. Owned by Willow Brook Farm, Berlin, Conn.

be, will pay a greater profit for the amount invested than any other belonging to farm equipment. Never in the history of America have there been such prices paid for poultry and eggs as in the past six or seven years. That there may be an overproduction no one need fear, so long as our population keeps on the increase, and with the one million or more of emigrants

added to our population annually. There is a demand for more than the supply, both in eggs and for poultry as meat. The standard bred fowl under the strictest test condition at the various experiment stations throughout the states have demonstrated to the satisfaction of all who read the reports, that the



1st Prize White Orpington Cock, Madison Square Garden Show, 1905. Owned by Willow Brook Farm, Berlin, Conn.

egg yield, with proper care and food, can easily be doubled, and with certain varieties trebled. The city market demand is for poultry weighing from three and a half to six and a half pounds dressed. This causes a demand for the American breeds, such as Wyandottes, Plymouth Rocks and Leghorns, as these breeds each have from four to six different varieties all having their foundation well laid to reproduce themselves in form, and each of its plumage peculiar to itself, every taste can be satisfied without a sacrifice of productiveness, beauty and practical use. These varieties seen and each kept exclusively on the farm, soon cause comment and interest in a neighborhood, and very soon a demand for eggs and stock. This then brings another set of people to the front who make it a business to breed only the best and advertise in the poultry journals. Today there are thousands of farmers and their wives who make up this vast number, and rightly so, for it's the farm raised chicken that has opportunity to grow to its best maturity and highest development. Then there's another feature that is today the most pronounced success to aid the poultry raisers. That is the incubators and brooders. How does the incubator benefit the farmer? I will briefly quote the answers as given by the Cyphers Co.:

First. It enables him to start his chickens absolutely free from lice that otherwise would stop their growth and cause the death of large numbers.

Second. It cares for all the eggs that are incubated, none being broken by hens.

Third. It saves the time otherwise lost in feeding and dusting the hens, cleaning nests and removing broken eggs.

Fourth. It permits him to start the broody hens laying again, instead of wasting three weeks sitting on eggs.

Fifth. It guards against the loss of the high priced sittings of eggs which the hen may have refused to sit upon after a day or two of incubation, thus spoiling them.

Sixth. It prevents the multiplication of lice in the fowl house or barn, where the hens would sit.

Seventh. It may be operated in his own residence, where

his wife has an easy access to it in all weathers, so saving her time, guarding her health and sweetening her temper.

Eighth. It hatches the chicks at a time when the hen won't sit, and enables him to make \$50.00 on 100 chicks in June or July, for which in September he would probably get only about \$12.50 after paying three months' additional food bill.

Since the brooder question has been solved and chicks can be raised more successfully in greater numbers, there remains no reason why the farmer should not realize from \$100 to \$500 annually from a flock of 100 to 200 hens. Then too, with the dry method of feeding there is a great saving of time, labor and annoyance. The mixed chick foods contain every variety of grains and seeds that are essential to health and growth; they contain grit and charcoal in sufficient quantity to insure perfect assimilation when fed where chicks have access to grass and pure water, the common complaint of bowel trouble among chicks is eliminated, as lice and soft mashers nine times out of ten are the causes of their dying. Then in working with standard bred fowls there is always something of value to look forward to in seeing them develop into objects of beauty in form and color; they constantly become object lessons to the children and all grown people who are readers and observers of Nature's laws and effects; to the plastic minds of youth they can be made the stepping stones to a higher life, and careers along honorable and practical avenues of success that will keep them on the farms where life can be made most happy and the higher ideals of man and womanhood developed into a reality as nowhere else in all the universe. The twentieth century is on, and every child must be trained mentally to be observing and progressive. This branch of culture offers a field for usefulness as wide as any that can be named. We are but in the A B C's of its developments. Look into the culture of standard poultry and you will soon be brought to realize the truthfulness of these statements.—D. T. Heimlich in *Poultry Success*.

FERTILITY OF EGGS.

There are two main reasons why eggs do not hatch. One reason is too many hens with one male bird. Another reason, keeping the eggs too long a time before setting them, eggs being too old. The yolk of the egg softens, and when they reach that point the egg will not germinate. In sending eggs by express the germ of the egg is started by the heat of being closely packed and kept in hot express cars too long; also by being kept too long in very warm express offices.

Ducks are especially adapted to a small place; as they grow quickly—do not require much room. It is well to go, at the start, a little slow till the knack of carrying them safely through the critical points is secured and the market is assured, then gradually increase. It is a good thing to plan ahead for the end of the trip. This bit of advice is plucked from the wing of experience, for one or two of Cloverbrook's exploits remind its mistress of an anecdote told of Huxley. Entering a cab hastily one day, he asked the owner to drive fast. The man started off at a breakneck gallop. "Do you know where you are going?" shouted Huxley at him, through the window. "Faith, I don't sir," replied cabby, "but I'm driving fast."

THE stock and the breed is all right if it scores 90 points or better, that is just 50 per cent. of the art of breeding fine exhibition specimens. The other 50 per cent. is in the care. See that the flocks have ample shade, clean quarters, food that has 15 per cent meat, 25 per cent vegetable and 60 per cent grain, all of which has 3 to 5 per cent of charcoal and one and one-half per cent of bone in its composition and that this is furnished each and every day. The owner and caretaker has 50 per cent in the premium room.

PIGEONS AS PETS.

NOTHING is more pleasing to the young folks than to possess pets of some kind. Children must have recreation and something to attract their attention.

Whenever you find a boy or girl so fond of their pets as to stay at home and care for them, they should be encouraged. There is nothing more instructive than nature study, so called.

Children that learn to care successfully for pets of any kind are usually kind-hearted and well-behaved. Nothing could be more attractive than a few pigeons of bright, rich colors, that can be kept in a small dove cote, with an enclosure where the children can care for them themselves. This teaches them responsibility. If the parents will lend their aid a little in instructing the children about keeping the quarters in a cleanly condition, and to properly care for and feed the birds, they will accomplish more for their children than many imagine.

For instance, which is the best for the boy, to have his poultry, his rabbits or his pigeons at home to care for and to have the proceeds of any sales he may make from them, or for him to loaf around the corner or in the back alleys learning to smoke, use bad language, and play truant from school?



REST TIME ON THE FARM.

"Pin-Money Poultry," courtesy Frank Heck, Chicago.

Surrounding influences form our lives, and most certainly a child will not learn bad habits from the keeping of innocent and desirable pets.

In selecting pigeons for the young children, there are many kinds that are inexpensive—Fantails, Tumblers, Turbits and Homers, all of which are beautiful and desirable varieties on account of their thrift, vigor and the ease with which they may be mated and cared for. It is not best to select the high-class, difficult kinds for the beginners, but always make it a point to have stock for them that is likely to produce such quality that may find a ready sale.—*Exchange*.

THE boy of today is the man of tomorrow. If your boy wants a pair of bantams, let him have them. An admiration and love for poultry will be instilled in him and he will find the raising of bantams so much pleasure and so profitable to him that when he becomes a man he will want to breed larger stock. Many times, too, a few bantams will keep a boy at home when he would otherwise be running on the streets.

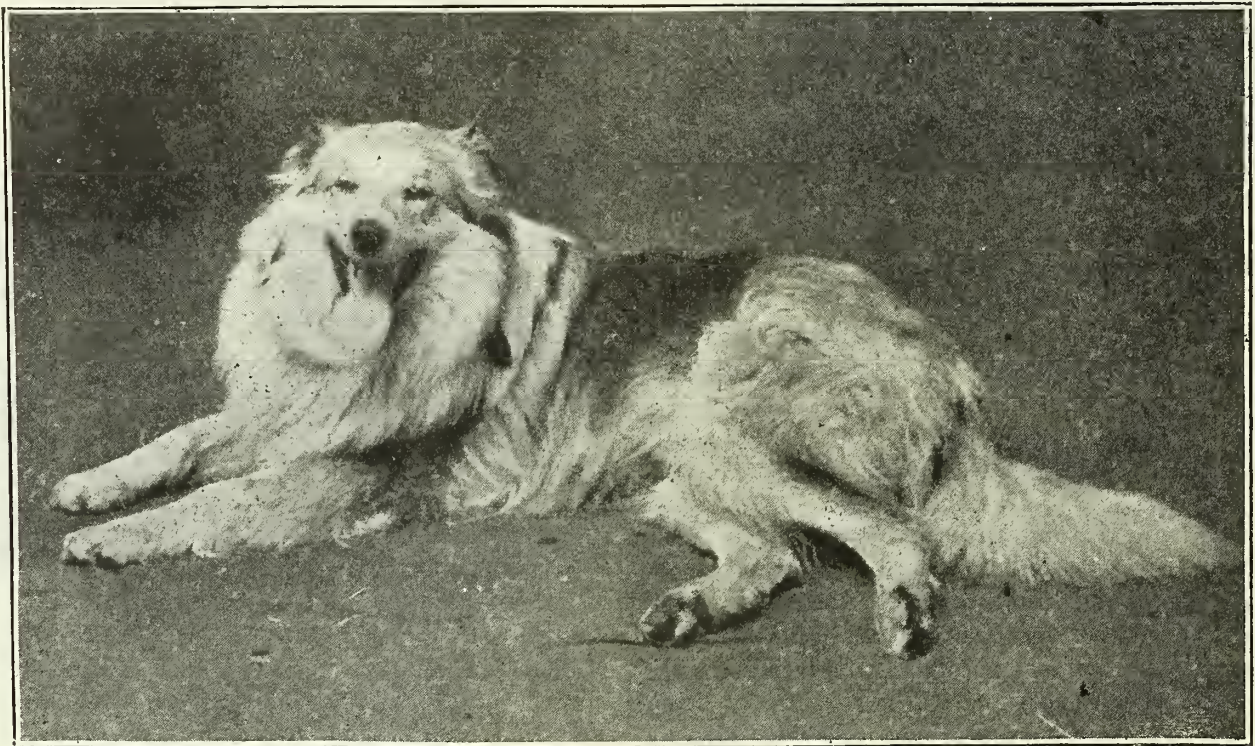
50c will pay for five year's subscription to the Hen if received by the 15th of August.

THE POULTRYMAN'S DOG.

IN EASTERN countries where the sheep follow the shepherd the duties that fall upon the dog are simpler and require less intelligence than those performed by the European and American breeds. Their task is chiefly to defend the flocks and herds from wild beasts and robbers and for this purpose the wolf-like Turkoman watch dog and the sheep dog of Natolia are by their great strength and courage eminently fitted.

The former is described by Sir J. McNeil as a shaggy animal, nearly as large as a Newfoundland dog and very fierce and powerful. The dam of the specimen he described having killed a full grown wolf without assistance. The sheep dog of Europe is generally classed among the wolf-like dogs, owing to the erect or semi-erect character of its ears, its pointed nose and shaggy coat. This variety is known as the old English sheep dog. It is more reasonable to suppose with Martin (*History of the Dog*) that those points only indicate purity of breed unalloyed by admixture with other varieties.

The English sheep dog stands about fifteen inches high at the shoulders, is covered with long, shaggy hair of a black color varied with dark gray or fawn brown, and its tail is rather short, the peculiarity which, according to Bell, "appears to be perpetuated from parents whose tails have been cut or bobbed." The sheep dogs of South America are so trained as to unite in themselves the duties of dogs and shepherd. "When riding," says Darwin, "it is a common thing to meet a large flock of sheep, guarded by one or two dogs, at the distance of some miles from any house or man and on inquiry he found out the method by which this friendship between dog and sheep had been established." "The dog when a puppie is removed from its mother, and is no longer allowed to associate with other dogs, or even with the children of the family." It is kept in a sheep pen and suckled by a ewe. Brought up among the sheep it shows no desire to leave the flock, but assumes the position of leader." "It is amusing," says the above writer, "to observe when approaching a flock, how the dog immediately advances, barking and the sheep all close in his rear as if round the oldest ram." It comes home daily for food on re-



CHAMPION STUD COLLIE, OWNED BY ALF. BERTLING, COLLEGE PARK, GA.

The fact that its life is spent almost entirely out of doors, and that it has little or no opportunity of mixing with other dogs other than of its own kind, would tend to preserve uniformity in external appearances; while its high cerebral development and intelligence prove beyond a doubt that this breed of sheep dog is one of the most highly improved, and in this respect remotest from the primitive type. Its whole intellect is devoted to the one duty of tending its master's flocks, and in the performance of this it is equally sagacious, vigilant and patient. At a word or even a look from its master it will gather the sheep scattered for miles around to one place.

During and after the snow storms to which highland districts are so frequently exposed the sheep dog is invaluable in saving its master's property from almost total destruction. Without it the highlands and rough country would be almost useless for sheep farming purposes.

"It would require," says the *Ettrick Shepherd*, "more hands to manage a stock of sheep, gather them from the hills, force them into houses and folds, and drive them to market than the profits of the whole stock would be capable of maintaining."

cept of which it immediately returns to the flock; it is also taught to bring home the flock in the evening.

SCOTCH COLLIES—While the origination of this improved sheep dog, the all-purpose stock dog, the king of all drivers and herders, can not be traced, yet it is no doubt a cross of the best known sheep dogs of earlier days, which are all classed as the race of wolf dogs. These are bred most extensively in England and America and are regarded as the purest and most intelligent of all breeds of dogs. The Collie stands eighteen to twenty-four inches high, in color black with white points and collar. These are the most popular colors, while they are bred in pure white, or white with tan or sable spots on head or body. They have a long pointed nose, flat head nicely chiseled, ears stand well up with tips breaking forward, eyes very bright and with human-like expression, tail of medium length slight re-curved with long frill. In coat the Collie has long shaggy hair, with abundant breast and body frill. In disposition they are similar to the old English dog which in my mind are their far-back ancestors, very peaceable among themselves, yet very determined in their charge of duty, always ready or willing to drive or watch stock of any kind.

Our modern Collie has made great advancement. Breeders have bestowed great attention on the physical developments of our modern stock dog and availing himself of natural variations, by careful selection and intercrossing, moulded the Collie into an almost perfect form. He has also, by education, developed its moral and intellectual capabilities so that the Collie may in this respect be said to have within its own limits kept pace with its master's advancements; and it is undoubtedly owing to a certain community of feeling existing between Collie and man that this domestic animal has, since the earliest time, been regarded as the companion as well as the humble servant of mankind.

There are few passions of man not shared in by the Collie. It is like him, subject to anger, jealousy, envy, love, hatred and grief; it shows gratitude, pride, generosity and fear. It sympathizes with man in his troubles, and there are numerous instances on record of it showing sympathy for the distressed of its own kind.

The Collie has a great memory, evidently assisted thereto, as man is, by the association of ideas; that it is not devoid of imagination may be assumed from the fact that it dreams, following in its sleep imaginary herds. Its judgment is often singularly correct; while it may almost be said to have a religion, in which man is its God, and his will its rule of conduct, disobedience to which produces an evident feeling of shame and a quiet submission to punishment. It shares with man in the awe of the unknown, and the most courageous Collie will often tremble at the sudden rustle of a leaf. While the possession of such faculties has rendered him fit above all other animals for the companionship of man, the physical and intellectual qualities characteristic of the Collie have been seized upon and developed to their utmost by breeders, so as to enable him to use the Collie for a great variety of purposes.

In England and America our modern Collie has been taught to drive, herd and look after cattle, hogs, sheep, horses and poultry, these being their chief occupation, and their training is exceptionally easy administered. As I said above they are very apt and have a great memory. Once shown what is wanted of them it is always done that identical way. So in teaching and training like a child use the correct method from the start. In conclusion I will say no household is complete without a Collie, whether for work among stock, a watchdog or companion, and let me say here I would never raise a child or children without a Collie. My boy has enjoyed more pleasure with my many Collies than any one thing of amusement that we could have purchased for him. They are kind and obedient, always anxious to amuse and be in the little one's company.

They can be taught to drive like a pony and will pull them about in a wagon, which seems to afford them as much pleasure as the child.

Among the twenty-five to forty Collies I always have on hands, not a dog in the entire lot but I would trust any baby with; in all my experience with Collies I never knew one that would offer to harm a child in any way. It seems a sense of nature with them that a child can not look after itself and it at once becomes a part of their duty to look after them. The Collie may well be termed the king of the canine race.—R. E. Jones in *Inland Poultry Journal*.

What would be the outcome if the poultry shows of this country would all stop giving their annual exhibitions. They are educators and have been the only thing that started many of the prominent breeders into raising the best grade of thoroughbred poultry. Many a farm or yard has contained the common old mongrel fowl for years when, after the owner had attended a poultry show, looked upon the beautiful fowls such as we have today, gone home, cleaned out the old scrubs and put in a fowl which struck his fancy.

EAST TENNESSEE POULTRY ASSOCIATION NOTES.

R. S. PORTER, SECRETARY.

ANY breeder in East Tennessee who has not enough get-up in him to be a member of his local association and a subscriber to his local paper surely hasn't enough get-up about him to raise fine poultry; in fact, he is not showing enough interest in the business to be considered a breeder of fine poultry. The above are a few lines taken from the article of Judge Owen which appeared in last month's HEN. This little thought is so much in my line of thinking that I thought it ought to appear again.

* * * *

A decided step toward a good show was made when the executive committee elected Brother Jno. E. Jennings show superintendent, with Brother M. S. Copeland as assistant. No one need fear that their birds will not be well cared for and safely returned.

* * * *

Death has claimed one of our charter members in the person of Brother J. L. Ogdin. Brother Ogdin was an active, wide-awake poultry man and in his death the association has suffered a great loss.

* * * *

Our organization should be proud of our official organ as it is sure a fine paper. The members who do not subscribe now at the extreme low price of ten cents will have to be classed with the stingy or ignorant.

* * * *

There are quite a number of breeders in this section who have not joined the association and we need them and they need us. Wake up, brothers, and send in your dollar and help push our show to the front.

* * * *

The executive committee is working hard during these hot summer days. They have gotten up a very neat design for our letter heads and the secretary can now save his stationery.

* * * *

Mr. J. Lake Hackney, of North Broadway, has joined the association. All the White Rock breeders had better get busy as Brother Hackney has some very fine birds.

* * * *

They have been working on designs for the exhibition coops to be used in our show. They have examined several and we know they will choose wisely.

* * * *

When they decide we will get up drawings and have them printed in our paper so every one will know exactly what coops will be accepted.

* * * *

The executive committee has appointed Brother T. L. Bayne, of Russellville, as vice-president of Hamblen County.

* * * *

We want the largest show ever held in the South and we must have it. It will take hustling. Everybody wake up!

THERE is but little danger of a surplus of poultry and eggs in this country, providing the quality is high-class. We should discourage any one from attempting to make money through growing indifferent or poor quality poultry and eggs; but if they will produce the very best quality which has a ready demand in all the markets of the world at remunerative prices, they can all add very largely to their incomes.

No ten cent subscription will be received after August 15.

THE INCUBATOR MANUFACTURERS' ASSOCIATION OF AMERICA.

Secretary's Report.

To the Poultry Press of America:

The third annual convention of the Incubator Manufacturers' Association of America was held at the Claypool Hotel, Indianapolis, Indiana, July 18, 19 and 20th, 1905, with a strong attendance of representative incubator manufacturers. Prof. A. F. Cooper, presiding.

Owing to the absence of Secretary J. S. Gilcrest, on account of sickness, Mr. Milton O. Adams, was appointed secretary to the meeting.

Following the president's annual address and reading of the minutes of the last meeting the various committee's reports were handed in. The committee on freight rates reports that it's quite possible to secure a reasonable concession from the various railroads. This reduction of freight will be of considerable saving to the purchaser. Previous to the organization of this association incubator purchasers were obliged to pay the first class rate with no hopes of a possible reduction. The association will secure many concessions of a similar nature that will benefit consumers.

The committee on insurance finds that incubators are far less dangerous than the average house lamp.

Mr. John W. Myers delivered an excellent address on adjusting difficulties and misunderstandings whenever such arise between manufacturer and customer. His views of the matter were in direct line and perfect harmony with those of all present. The disposition of the manufacturer is to be perfectly just and to dispose of all such matters in a wholly just and equitable manner. Every manufacturer has the interest of his customers deeply at heart.

Mr. Milton O. Adams delivered an address on feeding hens for fertile eggs, emphasizing how necessary it is that every incubator operator use the utmost pains in handling his breeding stock to secure the highest possible relative degree of fertility in eggs produced for hatching purposes. The members of the association freely express the opinion that the chief source of all incubator troubles lies largely in the use of eggs that are not properly fertilized.

Mr. Jas. Homan delivered an address on incubator advertising which besides being full of instruction for the manufacturer also brought to mind the relation between the poultry press and this organization.

There was a general discussion in regard to the importance of every manufacturer becoming a member in this association, as it will be necessary to have the support of all in order to accomplish the great amount of work mapped out. Some have misconstrued the publicity previously given the association and have misinterpreted the motive. The sole object of forming the organization is to create more harmony among the manufacturers. The incubator industry is no longer a one dollar industry but a million dollar industry and there is a crying need for an organization of its constituency. The poultry press organized. The representative American poultry breeders have the A. P. A. Almost every recognized breed of fowls is represented by its association; states, counties and communities all recognize the importance of organizing to further the poultry industry in their territory, and it naturally follows that the incubator manufacturers can likewise band together for their good. It is not the intention to dictate prices nor the territory which she shall operate nor anything of that nature. This is a mistake. The report got out at one time that there was a prospective incubator trust in view. Nothing could be further from the truth, as the incubator industry is not composed of men who favor anything of this nature.

While the principal point in view when organizing the association as to be worthy the support in the most intimate

manner of all interested in it and it's only through the closest organization that many benefits will be derived to the fullest extent.

The following officers were elected for the ensuing year:

President—Mr. James Homan, Springfield, Ohio.

Vice-President—Mr. L. A. Banta, Ligonier, Ind.

Treasurer—Mr. J. W. Myers, Quincy, Ills.

Secretary—Mr. M. O. Adams, Hiawatha, Kansas.

The retiring president, Mr. A. F. Cooper, owing to his no longer being an active incubator manufacturer, which would not render him eligible to holding office, was made an honorary member for the many valued services he has rendered the association. The members of the Association were loyally entertained both by the *Inland Poultry Journal* and the *Fanciers Gazette*, of Indianapolis, Ind.

The proceedings of this meeting and full particulars regarding the organization can be obtained by every incubator manufacturer from the secretary.

Yours truly,

MILTON O. ADAMS,

Secretary Incubator Manufacturers' Association.

GOD IS GOOD

To This Country in Spite of the Things That Go Wrong.

In spite of the things that go wrong, God is mighty good to this country.

Never before in the history of this land has nature opened her cornucopia more generously and poured out greater plenty.

The West has a record-breaking wheat crop that is taxing her labor to the fullest to harvest. And it takes less of it to make a barrel of flour than in previous years.

The South has a good cotton crop coming on, and the growers are talking ten-cent cotton and prosperity.

The corn crop of the country promises to be 300,000,000 bushels larger than ever before. The whole indicated corn crop, at present prices, means something like \$1,640,000,000 to the farmers.

There are indicated bumper crops of oats, rye, rice, flax, barley, tobacco and potatoes—worth hundreds of millions.

The farmer is not alone in being blessed.

Throughout the land, from the lakes to the gulf and from sea to sea, the factories are humming with busy life.

There are no strikes of consequence and no prospect of any.

The steel industry is many months behind its orders.

Every shipbuilding plant and car shop is worked to its fullest capacity.

In the great arteries of commerce the ships and freight trains are carrying all they can.

The barometers of business, the retail stores, are registering their finest records.

The bank reports show a steady increase in savings.

Every city of enterprise has its home-building boom.

Perhaps never before, anywhere in the world, did an entire people live better than do the people of this country today.

There is money to spare in pleasures. New York alone is spending \$60,000,000 on its summer vacations. Before the season ends 200,000 Americans will have sailed for Europe. In Philadelphia 85,000 people in a single week attended six ball games.

All goes well in this land of the free!—*Memphis News*.

ABOUT the best way for the farmer to preserve eggs during the summer is on the ribs of his family and farm hands. If there's still an abundant supply after the home appetites have been satisfied the village grocer will more than likely exchange some needed articles for them.

INCUBATOR PRACTICE.

Summer affords a splendid time and opportunity for beginners to practice with incubators. Eggs are cheap now, less labor is required in summer than in winter or early spring, and the expenses of the present season greatly reduced in comparison with winter. Not much in the way of hatching can be done or is expected to be done, but much information that will be exceedingly valuable later on can be gained, and at the same time the stock will not be wasted. October is about the time to begin with an incubator for market, but every one who contemplates meeting with success and who has had no previous experience, should practice with incubators now so as to get experience while eggs are cheap and the weather warm. It is not a good idea to wait until you are ready to hatch for market before beginning. Chicks that are hatched in October or November will not get into market until the time when prices are generally going up.

THERE is good money to be made in raising turkeys and geese and we are very much surprised that more farmers do not take an interest in them. This is one branch of the poultry business that can not be successfully carried on by any one but a farmer, or poultryman who resides on a farm. Turkeys are a little hard to raise but by being careful with them while they are quite small the most of the flock of young ones can be brought through all right. Geese are easy to raise if they are provided with a good grassy pasture. Farmers, do not be afraid to tackle the turkey and goose proposition.

WE, THAT is myself and better half, live on a farm of two hundred and forty acres, have always kept it well stocked with horses, cattle, hogs, and last but not least, a nice flock of fowls, and it has been my experience through a period of thirty-five years' farming that a dollar is gotten easier, with less expense and labor from a well-cared-for flock of poultry, than can be made from keeping horses, cattle or hogs, counting money invested and labor.

THE thoroughbred stock one year after another pays best for the breeder. He has two strings to his breeding bow—exhibition trade and kitchen supply trade. The profits of a very few thoroughbreds for breeding and exhibition purposes will far out-value the gain of the first crosses that finds its only trade with table use.—*Felch.*

JUST about this time of the year the breeders will have a large surplus which can not be kept in their yards through the coming season, and now is the opportunity to buy, and they will sell much cheaper than during the winter or spring. The practical, general utility poultry raiser takes advantage of these opportunities.

PURE, wholesome food is always the best and cheapest, regardless of its cost. To feed burnt or damaged food, simply to save a few dollars, is the dearest kind of food. Smutty and mildewed grain is especially dangerous. We know of no food so valuable for bring pullets into laying condition as whole wheat.

BE ON the watch. Note the first symptoms of indisposition, and then make a change of food and surroundings. An indisposed fowl will, as a rule, quickly revive if taken out of the pen and given a regular grass run with very little of anything else to eat.

CHANGE the food for a day or two if the fowls have bowel disease. Half of the troubles of this kind can be traced to a lack of sharp, hard grit.

THE hen insists upon being comfortable at all seasons of the year, and especially during hot weather. When she is comfortable she makes the fact known by rewarding her keeper with a plentiful supply of eggs.

How are the young geese? Will they be in good shape for the market when the demand created by the Jewish holidays arrives? All they need to get fat and keep fat is a good range, where grass is plentiful.

For capital, labor and territory, the hen is more profitable than the cow. An egg farm will not require the investment nor the labor of a dairy, and the profits are greater.

THE fowls can be kept in good health with pure, fresh water and good clean food better than with medicine.

CONSTITUTION AND BY-LAWS OF THE POULTRY PRESS ASSOCIATION OF AMERICA.

(1) NAME.—The name of this organization shall be "The Poultry Press Association of America" with headquarters where the secretary resides.

(2) OBJECTS.—Its objects shall be the cultivation of social relationship between its members and free exchange of ideas and discussions for means to promote the best interests of poultry culture and for the elevation of the standard of our vocation.

(3) MEMBERSHIP.—The membership of this association shall be confined to reputable poultry papers and agricultural papers containing poultry departments, and the membership shall be held in the name of the paper.

(4) OFFICERS.—Its officers shall be a president, vice-president, secretary, treasurer and an executive committee composed of the president, secretary and seven other members of the association, to be elected annually, with the duties of such officers.

(5) FEES AND DUES.—A membership fee of \$5.00 will be charged each member. The quarterly dues shall be \$1.25, payable on January 1, April 1, July 1 and October 1 of each year, and the executive committee has the power to call for an additional assessment if it is found necessary in order to properly conduct the business of the association. In case such dues are not paid within thirty (30) days from time they are due, the membership shall be suspended. In case such dues are not paid before the next annual meeting, the membership shall be forfeited and the paper thus forfeiting membership can be reinstated only by a majority vote of the association upon payment of all arrears to date.

(6) ADMISSIONS.—Members can be admitted at any time by the majority vote of the executive committee providing the membership fee accompanies the application. It is understood that the membership is held by the paper and not by an individual, and in case any person other than the recognized publisher of the paper is present as a representative of said paper, he must produce credentials from the publisher, which shall be submitted to the executive committee and by it approved, before the holder shall be recognized on the floor or be permitted to vote.

(7) VOTE.—Each paper represented shall be entitled to one vote only on all questions.

(8) MEETINGS.—An annual meeting shall be held at such time and place as a majority of the members shall designate. This vote shall be taken by mail during the month of November of each year and notice of said meeting shall be given by the secretary to all members not later than December 1. Special meetings may be called at any time by the executive committee provided that all members of the association shall have thirty (30) days notice of said special meetings.

(9) AMENDMENTS.—Additions and amendments to the constitution and by-laws may be made at any regular meeting by a two-thirds vote of members present, provided that notice shall be given by mail to all members sixty (60) days prior to the date of meeting.

Ten cents will secure the Hen for twelve months if received by August 15.

Reflections.

Advertise. If you have anything for sale, advertise it if it is worth selling. Perhaps you will say that it will not pay you. An advertisement you say will cost too much. Yes, it does cost, costs more in some papers than in others because some papers have larger circulation than others. Now, if you have some good pure-bred fowls or eggs from such birds, or perhaps other articles such as incubators, etc., that you wish to dispose of, just put an advertisement in some good paper published somewhere in your section of the country. By that I mean, do not advertise in some paper published so far away that it would likely not have many readers in your section, but put your advertisement in some paper published within several hundred miles if possible. Of course if you are an extensive advertiser you will place your advertisements in distant papers if you deem it advisable to do so.

Now as to the paper. There are many papers with low rates of advertising which do not have a very large circulation, while those with a larger circulation usually charge more for advertisements, which in the end is usually the cheapest. A paper with a small circulation will likely give you only a few replies while the one with the larger circulation should give you more according to the price paid. Sometimes an advertisement in a paper with a small circulation will pay best, it depends on where you live and what you have to sell, etc. I have had good results from advertising in both those of large and those of small circulation. Do not be discouraged if your first advertisement does not pay or even bring you one reply. Perhaps you advertised your goods out of season, as for instance if you offered an incubator or eggs after the usual season for hatching was over and you get no replies, why, don't blame the paper or the publishers. Next time advertise in season. An occasional advertisement just inserted now and then in this paper, once and then in that one is not so likely to pay as well as an advertisement kept continually running especially where you are offering eggs or fowls. Often a single advertisement will sell an incubator or something like that. A small advertisement kept continually before the public with an occasional change in form and wording usually will be more effective than a larger one inserted at stated or uncertain intervals. When your advertisement appears month after month right along, what you have is impressed upon the memory of those who read the paper each month and when they want anything in your line they remember where to write and also your name being held up before them so long they begin

NEVIN POULTRY YARDS,

WARDIN BROS., Proprietors.

R. F. D. 7. BOX 46. - - - - CHARLOTTE, N. C.

Breeders of S. C. Brown and White Leghorns, Houdans, W. Wyandottes, Barred Rocks, Sherwoods, S. C. Black Minorcas, Cornish Indian Games and Pekin Ducks. Eggs for hatching, 15 to setting, \$1.50. Duck eggs, per setting of 13, \$1.25.

Being breeders for the past nine years we are here to stay and have always taken our share of prizes wherever stock has been shown.

We manufacture Incubators, Brooders, Exhibition Coops and Wardin's Flight Arresters. Jersey Red Pigs our specialty. Write for information. Glad to answer questions.

PRIZE WINNING

B. P. ROCKS

I won at Charlotte on 1st ck., 1st hen, 1st pullet, 3d ckl; also won silver loving cup, and special for best head on male birds, and 15 special prizes. Eggs \$2 and \$3 for 15. Write for my matings for 1905.

C. C. RANDLEMAN, Ramseur, N. C.



C. Brown Leghorns

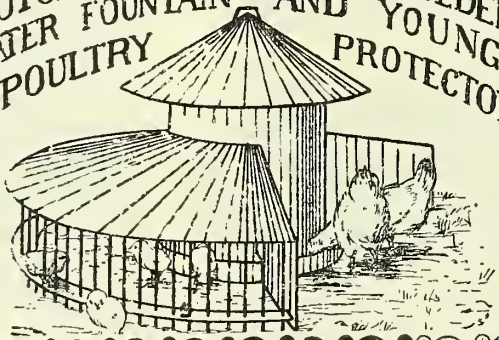
S. C. White Leghorns

S. C. Black Minorcas

Pens headed by prize winners. I would be pleased to have your orders. Eggs, \$1.00 per 15, or \$1.80 for 30, or \$5 per 100.

FRED AXLEY, Philadelphia, Tenn.

AUTOMATIC POULTRY
WATER FOUNTAIN AND FEEDER
POULTRY PROTECTOR



Write for special terms to
Agents.

E. H. TURNER

Inventor and
Manufacturer

Tipton - - Iowa

GASOLINE ENGINES

WATER—LIGHT—POWER

Write for Catalogues and Prices

HENRY R. HOWARD, Knoxville, Tenn.



—IF IT IS—
BUFF LEGHORNS

Here you are. Famous "Arnold" strain; breeding pen headed as follows: "ALBERTO," the famous cock; 9 blue ribbons to his credit. Hens and pullets all prize winners. Eggs and stock for sale. Correspondence solicited. Information cheerfully given.

MARBLE P. POULTRY YARDS,
BURLINGTON, N. C.

EGGS

Now is a fine time to buy bargains in B. P. Rock Eggs. Prices rest of season, \$2 per setting of \$15, \$3 per 30, all from BRADLEY BROS. finest lines in their property. No yards in the South can furnish eggs from birds as good, or with as fine breeding.

Some fine birds for sale at low prices, bred from winners whose ancestors are noted as winners all over the world.

J. E. PUTNEY,
GILLIAMSVILLE, VIRGINIA.

PRACTICAL POULTRY
Farm Stock for Sale.

After October 1, 1905, from my bred for eggs, size and Standard points S. C. W. Leghorns, Barred Plymouth Rocks

AT HONEST PRICES.

J. A. DINWIDDIE, New Market, Tenn.



We offer a prize of \$50 in gold for best pair (cockerel and pullet)

THE GAINES WHITE PLYMOUTH ROCKS

BRED TO WIN—AND DO IT.

Have never failed to win blue ribbons wherever shown.

WINNINGS THIS SEASON.

The State Fair, Columbia, S. C.—1st ck., 2d hen, 2d ckl., 1st and 2d pen. Charleston, S. C.—Pullets, 1st score 97 1/4, 2d, 95 1/2, 3d, 95 1/4, tie 4th, 94 1/4, and 3d pen; all my male birds in bad feather. Atlanta, Ga.—1st and 3d pullets, 3d hen, 3d pen. Ivory

Soap special, \$25 silver cup for best white bird, any age, sex, breed or variety in the Atlanta show. American White Plymouth Rock Club special ribbon for best pullet in show. Free circulars on request. Can spare a few more settings of eggs. Stock for sale till fall.

GAINES POULTRY YARDS,

E. H. GAINES, Prop'r.,

State Secy. for South Carolina, A. W. P. R. Club.

GAFNEY, S. C.

SANDY RUN POULTRY YARDS

W. D. HARRILL & CO., Props. - - - Ellenboro, N. C.

Breeders of Light Brahmas, Black Langshans, Black Minorcas, Buff and Barred Plymouth Rocks, R. I. Reds, Part-ridge and Buff Wyandottes, Brown and White Leghorns, Belgian Hares.

We have won this season at Atlanta, Charleston, Raleigh and Charlotte, on our birds 43 1st prizes, 32 2d, 27 3d, besides scores of specials. Prices of eggs \$2.50 per 15. We have a few good cockerels for sale, including the 1st and 4th prize winning Part-ridge Wyandotte ckl. at Raleigh, also 1st, 2d and 3d at Charlotte, price \$5 to \$10 each.

to believe that you have something worthy of their attention and if they need anything such as you offer they will likely to write you.

Do not use a larger advertisement than your business warrants. An inch advertisement or even a half inch advertisement continued each month to a small breeder will be better than a whole page, unless you are something out of the ordinary. Gauge the size of your advertisement by the size of your business. The main point in advertising is attractiveness. Don't write up your advertisement in "any old way" and expect it to bring the highest possible results. Take a little time to write it. Perhaps you will write it over several times before you will get it just right. State correctly just what you have to sell in somewhat of a brief manner yet drawn out enough to give an exact understanding of what you offer. Do not try to crowd too many words in a given space. Allow some room for display. Do not try to copy some other advertisement, but get up something original. Of course no one can tell you just how to write it up, you must work that out yourself. There are a number who make a specialty of writing up advertisements; you can get one of them to write it if you want to and can afford it. However, most any one can write up a good advertisement if they try it real hard and spend a little time in thinking it over.

If you do advertise and get a number of replies but make no sales, do not blame the paper. When the paper brings you replies it has done its work and you must proceed to make the sales. The paper simply puts you in touch with those who want to buy just what you had advertised. Of course there are a few curiosity seekers who answer advertisements merely for fun yet the most of the inquiries mean business.—*American Poultry Advocate.*

Managing the Manure.

Poultry manure is rich in ammonia, which passes off into the air rapidly unless caught and retained by some good absorbent, and for this purpose probably land plaster (ground gypsum) is the best; certainly it is the easiest to handle and use with it. An excellent way to treat it is to spread a thin coating of land plaster over the droppings boards. When the droppings are hoed off about an equal quantity of the plaster will be taken off with it and the two are quite evenly mixed. This is best kept in a cool, dry basement, and when so kept it will be found to keep perfectly if there has been a sufficient quantity of plaster mixed in. Before using it is well to turn it over once or twice with a shovel, and if found to be pretty "strong" add more

plaster. Treated in this way, it retains all of its valuable fertilizing qualities, and makes crops grow like fun. It is so stout it should not be put in contact with the seed in hill or drill. It is well to cover it a bit before dropping the seed. We know of no special handling for different crops; doubt if any experiments have ever been tried to determine that.—*Exchange*.

The Egg Situation.

The New York Produce Review for May 17th, gives some very interesting egg statistics, and an excellent summary of the situation at the beginning of the summer season, when the weather conditions affect shipments. The four great centres of New York, Boston, Philadelphia and Chicago are passed in review, and the trade conditions for the whole country can be summarized from the conditions in those great markets.

There has been a considerable increase in receipts of eggs in those markets, and a substantial increase in numbers put in cold storage; as the latter are at the decidedly high prices ruling last year their is much doubt in some quarters as to whether the holders will realize a profit on the venture. Given another winter unfavorable for considerable egg-production they should be able to realize a profit, but if the conditions are such that a fair egg-production is maintained storage eggs will be low in price, and there will be substantial losses probable.

The total receipts of eggs, from March 10th to May 13th, in the four cities covered by the tables is 2,941,591 cases, against 2,503,493 cases in same time a year ago; this shows an increase of 438,098 cases. The storage stocks May 15th are given as 1,203,000 cases, 832,000 cases a year ago. That increase or 371,000 cases held in storage looks risky—but we should remember that the holders of eggs are better acquainted with market conditions than we are, and they have good reason to believe there is a chance of profit in them.

The generally poor condition of eggs received from southern points is well illustrated by the following quotation from the New York market report. With western eggs selling at 18 to 19 cents a dozen it will be seen that "good quality" pays.

"Kentucky receipts are all showing more or less heat and even the graded lots have been out of favor for a good class of trade; we hear of no recent sales of any importance above 17c. and a good many have to go down to 16@16½c. The latter range now covers the general value of Tennessee stock, some quite poor lots going lower and only an occasional special mark, closely graded and candled, bringing any higher figure. Far southern eggs have been forced out at comparatively low prices—generally 12@14c. with some very poor selling down to \$3.00 a case."

White Plymouth Rocks

(EXCLUSIVELY)

SEE OUR RECORD.

CHATTANOOGA—1st ckl., 1st and 2d hen, 2d pen.

HUNTSVILLE—1st and 3d hen, 1st ck., 1st and 2d ckl. 1st pullet.

Send order for Eggs from prize winners.

GEO. DARWIN, - - - - - Green Grove, Ala.

Thompson's Golden Beauty Strain BUFF PLYMOUTH ROCKS

SOLID BUFF A REALTY.

Winners at Washington, D. C., Hagerstown, Md., Richmond, Va., Atlanta, Ga., and other large shows. For four years in succession the Golden Beauties have won more first and special prizes wherever shown than all competitors combined. Success is assured to those who breed this strain.

"RASTUS"

SCORE 95

1st prize ckl., Atlanta, Ga., Oct., 1903;
1st prize cock, Hagerstown, Md., Oct., 1904.

"SOUTHERN BELLE"

SCORE 95½

1st prize hen, Atlanta, Ga., Oct., 1903;
1st prize hen, Hagerstown, Md., Oct., 1904.

Leading judges pronounce them the best pair of Buff Rocks every produced. Eggs from Solid Buff Matings \$5 per 15 straight. For the best only, address

GOLDEN PLUME POULTRY FARM CO., Burlington, N. C.
(N. C. State Vice-Pres. American B. P. R. Club.)

Wall's Barred Rocks

Have won the lion's share of blue ribbons past seven years at Southern shows. Huntsville, Ala., Dec. 26-30, 1904, hot competition, 1st, 2nd and 3d cocks; 1st, 2nd and 3d hen; 2nd pen. Scoring to 95 under Brown; 93¾ under Marshall. If you want winners, send to him for eggs. Will sell only a few settings.

Fox Terrier Pups for Sale.

W. L. WALL, Huntsville, Ala.

Dolan Bros.

5323 Wade Ave., Avondale Route, Birmingham, Ala.

Breeder of High-Class Light Brahmas. Eggs \$3 and \$5 per 15. We have won more prizes on Light Brahmas than any breeder in Alabama. Won at Birmingham Dec. 6-10, 1904, 1st, 2d, 3d, 4th Hens, 1st Cock, 1st Pullet. Tied for 2d Cockerel, won 1st Pen. Special for best display Light Brahmas and best display in Asiatic class.

Barred Plymouth Rocks and White Cochin Bantams

The kind that will do you good in the show room, or the breeding yard. I won on Barred Rocks at the Charlotte Show, Jan. 16-21, 1905, H. P. Schwab, Judge: 1st cockerel, 2d hen, 3d pullet, 5th cock, 1st pen, 2d collection; 205 birds in class. Eggs from both cockerel and pullet mating yards, \$2.00 for 13.

HAVE SOME FINE BIRDS FOR SALE AT PRICES THAT WILL INTEREST YOU.

My White Cochin Bantams won four of the five firsts. Eggs, \$1.50 for 13. All inquiries receive prompt attention. Your satisfaction guaranteed.

Reference: Charlotte National Bank, and the editor of THE INDUSTRIOUS HEN. Write me.

B. S. DAVIS,

CHARLOTTE, - - - - - NORTH CAROLINA.



Eggs Eggs Eggs

That will hatch and grow you money, from Barred and White Rocks, S. C. B. Leghorns, White Wyandottes and Pit Games at \$2 per 15; \$3.50 per \$30; \$7.50 per 100.

Chicks for sale; any age safely shipped any distance. Send us your orders and we guarantee to treat you right. Address

BELLE MEADE POULTRY FARM,

WALTER P. LAIRD, Supl. Route 2, BIRMINGHAM, ALA.

FOR SALE

ONE TRIO EACH OF

Buff Plymouth Rocks and Silver Penciled Wyandottes

Also Three Trios of White Wyandottes. Write for prices.

White Wyandotte Record 1904.

| | Ck | Hen | Ckl. | Pul. |
|-------------------|----|-----|------|------|
| Burlington Fair | 3 | 1/3 | 1/2 | 1/3 |
| Greensboro Fair | | | 3 | 2 |
| Raleigh S. Fair | | 3 | 2 | 2 |
| Charlotte Fair | 1 | 4 | 1 | 1 |
| Piedmont P Show | 1 | | | 3 |
| Raleigh, S. P. S. | | 1 | | 2 |

Silver Penciled Record 1904.

| | Ck | Hen | Ckl. | Pul. |
|------------------|-----|-------|------|-------|
| Burlington Fair | 1/2 | 1 2/3 | 1/2 | 1 2/3 |
| Greensboro Fair | 3 | 1/3 | 3 | |
| Raleigh S. Fair | 1/2 | 1/2 | 3 | 1 |
| Charlotte Fair | 2 | 1 | 2 | 2 |
| Piedmont P Show | 1 | 2 | | 2 |
| Raleigh S. P. S. | 1 | 2/3 | 3 | 1/3 |

J. M. WORKMAN,

Lock Box 81.

Burlington, N. C.

Genius in Farming.

There never was an era in agriculture when there was more foresight and methodical arrangement devoted to farm operations than the present, and there never was a period when brain work was more essential than now. The old methods of operating the farm have become antiquated and the men who are making material gains financially are the farmers who are using brains as well as brawn in prosecuting their profession. The opportunities to increase the earnings were more numerous than today. The intelligent husbandman studies his environments and the products indigenous to his soil and climate, and restricts his operations accordingly. The progressive farmer studies his nearest markets and tries to learn the public demand for products that will pay the largest dividends on the cost of production. If the farmer has land especially adapted to the production of some paying crop he should try to place that particular crop on the market in its greatest perfection.

If the farm is specially adapted to dairy operations, then the farmer should try to produce a gilt-edged article of butter or milk. If the dairy product is of high quality he is assured of a steady market at a good price. If he manufactures an inferior article of butter, the price will be so low that there will be no profit in the industry. The history of dairying is flecked with success and pronounced failures. If his soil is particularly adapted to the cultivation of vegetables or fruit, he has only to bend his energies to raising the best, when he will find an active demand at remunerative prices.

Fortunes have been made by raising some commodity of superior quality for which there was an urgent demand.

The Kalamazoo celery growers discovered that the muck land of Michigan was especially adapted to the cultivation of celery, and the demand for their product is greater than the supply. Some brainy gardener experimented with Rocky Ford melons in Colorado and found that the soil and climate were admirably qualified to their cultivation. Vast fortunes have been amassed by cultivating this table delicacy. The gardeners learned that conditions were favorable to produce a better article than elsewhere, and the high quality of the product has made the Rocky Ford melons famous in all parts of the country.

The growing population and increasing wealth of the country create broader demand for luxuries for the table. The epicure is always in the market for the best articles of food, regardless of cost, and the farmer who panders to the public taste for commodities that he can produce in perfection is sure to make pro-

? Do You Need Any Printing ?
If so, write for samples and prices to
THE INDUSTRIOUS HEN, Knoxville, Tenn.

fitable dividends by the specialization of these articles. The wealthy class calls for better butter, milk, meat, fruit and vegetables, and the farmer who will use his brains in producing these commodities is certain of a remunerative reward.
—*Tri-State Farmer and Gardener.*

The Farm a Factory.

It may be said the farmer is a manufacturer and that the farm is his factory. The fertility of the soil and the grain he puts into it are his raw materials. By his efforts and the aid of nature, he reaps his products, which are of themselves raw products. They carry with them all of the grain he first put into the machine (soil) and also a good portion of the machine. If he carts this raw product to market he will in time wear out his machine, it becomes unbalanced, wobbly, the results are uneven, uncertain, not up to the standard, worth less on the market, profits of the farmer's efforts become small, he sees the "farmer's hard lot" and wants to move to town.

If he feeds the raw products of the soil on the farm and sells beef, pork, mutton, poultry, butter, eggs, milk, cheese and fruit, and returns the by-products to the factory, that is the soil, he wears his machine less because it is being lubricated with the material that serves to keep it in good running order. The manufacturer counts the loss of wear on the machinery of his establishment at 8 to 10 per cent, and so far as is possible he adds this amount in the way of repairs and new machinery or parts from year to year. He is not so well situated as the farmer manufacturer. He must pay the cash for repairs. He can return no part of what he gets out of his machine to rebuild it. The farmer who sells only the finished products returns in the by-product potash, phosphoric acid, nitrogen, lime, and other materials that came from his machine. He is so much better situated than the manufacturer. He studies the machinery of his factory, learns where the bearings need lubricating and applies the oil in the form of chemical manures or the oil of the barn yard or the green legume crops. By studying the wants of his machine and applying properly the needed materials his factory responds promptly each year and he thinks not of going to town to engage in other pursuits.—*Exchange.*

One step won't take you very far—

You've got to keep on walking;

One word won't tell folks who you are—

You've got to keep on talking;

One inch won't make you very tall—

You've got to keep on growing;

One little ad won't do it all—

You've got to keep them going.

—*Bank Notes.*

Vantine Poultry Farm

Headquarters for White and Barred Rocks, White and Buff Wyandottes, Single Comb Brown Leghorns, Silver Spangled Hamburgs, C. I. Reds, Light Brahmas, Black Minorcas.

I am offering eggs from Barred P. Rocks, S. C. B. Leghorns and Silver Spangled Hamburgs at \$1.00 per setting of 13, and the other varieties above named at \$1.50 per setting. The eggs are from select mating of birds scoring from 90. to 94 at the late Charlotte poultry show, and I was awarded some hotly contested prizes. All orders given prompt and personal attention.

W. L. ORMAND, Proprietor,

Bessemer City, N. C.

Eggs! Eggs!! Eggs!!!

From Buff Plymouth Rocks that have won their share of the prizes. Price, \$1.75 per 15.

Also breeder of the famous PIT GAMES, Henry W. Grady, Georgia Shawl Necks and Mountain Eagles. Eggs in season, \$1.50 to \$2.00 per setting.

R. LEE THORNBURG, - - - Bessemer City, N. C.

Duroc-Jersey Hogs---Silver-Laced Wyandotte Cockerels



As fine Pigs as
can be found,
and as hand-
some Chicks as
grow.

Write your needs to
J. C. WHITE,
Knoxville, Tenn.



G. L. WALKER.

K. B. WALKER.

Barred Rocks, R. C. White Leghorns and White Wyandottes

AS BRED BY

WALKER BROTHERS (R. F. D. No. 1) MADISONVILLE, TENNESSEE

Eggs from prize-winner birds, \$1.50 per 15.

SATISFACTION GUARANTEED.

FOREST VIEW POULTRY YARD

Only the best strain is bred. S. C. Brown and White Leghorns, Barred Plymouth Rocks, C. I. Games and White Face Spanish, Light Brahmas, Bronze Turkeys and Poland Geese. Eggs for sale.

J. E. THOMAS, R. F. D. 6, Charlotte, N. C.

A Southern Location

FOR YOUR HOME

YOUR MANUFACTURING PLANT

OR YOUR BUSINESS.

Farms in Virginia, North and South Carolina, Georgia, Alabama, Mississippi, Kentucky, Tennessee.

GOOD LANDS AT LOW PRICES.

A Healthy Climate, Long Growing Season and an All-the-Year Working Season.

The South is now making greater progress than any other section. If you would learn about its developments and the opportunities for good locations along the Southern Railway, write for copies of our publications, which will be sent free on request.

M. V. RICHARDS,

Land and Industrial Agent, Southern Railway,
Washington, D. C.

GILLIAM'S BROWN BUFF LEGHORNS

WINNERS WHEREVER SHOWN

Stock hardy. Eggs fertile, will be properly packed and will produce stock that will please and win for you. EGGS—\$2 for 15; \$3.50 for 30; \$5 for 45. No trouble to answer questions, and I'll furnish the stamp.

G. W. GILLIAM, - - - - - **Monteagle, Tenn.**

For Sale

Single Comb Brown Leghorns

Birmingham, Ala., Show, Dec. 6-9, 1904, 1st and 2d cock, 1st and 2d hen, 1st, 3d and 4th Cockerel and 2d pen; Chattanooga, Tenn., Dec. 13-16, 1904, 1st and 2d cock, 1st and 3d hen, 1st cockerel, 1st pullet, tie on 1st pen; Anniston, Ala., Show, Dec. 13-16, 1904, 1st and 2d cockerel, 1st and 3d pullet, 1st pen. Circular free.

M. S. COPELAND, Powells Station, Tenn



24 Prizes at 3 big shows in one season. Also every special offered, score 90 to 95.

J. D. HEREFORD

NEW MARKET, ALA.,

BREEDER OF

S. C. Brown Leghorns

Exclusively. Eggs \$1.50 per 15; two sittings \$2.50. Fowls for sale at all times. Prices named on application. Correspondence cheerfully answered.

Poultry for Pleasure and Profit.

J. T. OGDEN, KNOXVILLE, TENN.

Cleanliness has long been spoken of as being akin to godliness—and nothing adds more pleasure and greater profit in poultry culture than this one thing, cleanliness. The greatest leakage or loss of profit in poultry culture is probably in the large death rate of young chicks. This can be largely prevented by keeping poultry and premises free from vermine and filth, feeding clean food and giving an abundance of fresh, clean water. By taking a few precautions along this line, one will be astonished at the large and profitable returns and the corresponding pleasure. The fowls will show their appreciation by taking on a large amount of flesh and producing a continuous supply of eggs from the smallest amount of food consumed. Their chicks will be vigorous, hale and hearty, and disease and death will seldom, if ever, be visited upon the flock. From a practical point of view every poultry raiser would probably look upon the practice of cleanliness as the practice of economy in its highest form—for its effects are certainly felt from generation to generation. The fowls are possessed of a vigor to resist disease, and to reproduce themselves in large numbers, to make the largest returns from the small amount of time and money spent upon them. And if the raiser of poultry has taken the trouble to start out with pure bred stock he will find that his neighbors, and many who are not neighbors, will be calling upon him for fowls to bring up their own flocks and for which they will willingly pay a great deal more than he could get upon the market and under these conditions poultry is surely a source of pleasure and profit.

Why does a rooster close his eyes when he crows?

Because he knows the tune by heart and does not have to see the notes.

Did you ever wonder what you would do," said the inquisitive friend "if you had Carnegie's income?"

"No," replied the village preacher; "but I've often wondered what Carnegie would do if he had mine."

POULTRY PRINTING

Send us your orders for Stationery, Shipping Tags, Circulars, Booklets, Rubber Stamps, etc. No charge for the use of cuts and the assistance of the editor in preparing copy. We are prepared to do any kind of printing for the trade.

Send your orders to

THE INDUSTRIOUS HEN
KNOXVILLE, TENN.

SOME REMEDIES.**A Sure Cure For Sore Head.**

One box common axle grease; one cup sulphur flour; one-half cup kerosene oil. Mix thoroughly and apply morning and night.

* * *

To Kill Rats.

One of the best ways to get rid of rats is to mix equal parts of flour and plaster of Paris with a little sugar and place it where the rats can eat all they want.

* * *

Remedy for Worms.

Turpentine with twice its quantity of olive oil is recommended as a remedy for worms in poultry. Give one or two tablespoonfuls as a dose for a fowl. Give it by mixing in soaked feed or water.

* * *

Limberneck and Its Cure.

Limberneck is usually caused by the fowls eating carrion or some other stuff. A quick cure will be found in giving the afflicted bird four or five drops of turpentine in a spoonful of water and for a preventive provide two or three tablespoonfuls of hypo-sulphite of soda in each gallon of water, and do not allow fowls to drink any other water.

* * *

Scaly Legs.

Scaly legs are due to minute parasites which multiply very rapidly, and some times affect the whole flock. These parasites become imbedded in the legs, forming scales, making the fowl a disagreeable-looking object. It is easily cured when it first appears. An ointment composed of one part kerosene oil and two parts of lard will generally clean the legs entirely.

When the legs become heavily scaled it is more difficult to cure. In the latter case scrape the legs, and wash and dry them. Then use a mixture composed of lard, carbolic acid and kerosene oil. Scrape the legs and use this ointment once a week until the scales drop off.

This disease should never be tolerated, and it should have attention when it first appears, and is easily avoided.

* * *

Permanganate of Potash for Roup

Roup is one of the most common diseases in poultry. It is caused by a bacillus. The disease germs are most likely to attack fowls that are housed in quarters where there is filth, foul air, and cold drafts. It manifests itself by hoarse breathing, swelling about the eyes, and discharge at the nostrils which dries and clogs the air passages so that the fowl must open the beak in order to breathe. Slaughter and burying deeply

EGGS

From Maund's Prize Winning
S. C. White Leghorns

AT JUST HALF PRICE

for balance of season

Exhibition Mating \$1.50 per 15
Utility Mating75 per 15

A. T. MAUND, - - - - - Geneva, Georgia.
(State Vice-Prest. Nat'l S. C. W. Leghorn Club)

Why Not Buy Stock Eggs From Prize Winners?

Mrs. R. H. Bell breeds the best in the South. Barred Plymouth Rocks, Black Langshans, White Wyandottes: 15 eggs, \$3. Single Comb Brown Leghorns, Single Comb White Leghorns, Silver Spangled Hamburgs, 15 eggs, \$2.50.

MRS. R. H. BELL'S WOODLAND POULTRY FARM,
Knoxville, Tennessee.

S. C. Buff Orpingtons

The World's Best.

Two pens headed by prize winners. Eggs in season \$3 for 15; \$5 for 30.

I have some fine young Cockerels for sale. Highest scoring Buff Orpington at Birmingham show.

C. W. HALL, - Brookwood, Ala.

Your Opportunity

After May 1st we will sell eggs from "CRESCENT STRAIN" Single Comb White Leghorns at 75c per 15, \$3.50 per 100. And we repeat it's YOUR OPPORTUNITY.

CRESCENT POULTRY FARM

R. F. D. 5

Lebanon, Tenn.

SUPPLY YOURSELF WITH

H. & R. Poultry Panacea and H. & R. Louse Killer

These preparations are put up in convenient sized packages and retail for 25c. The PANACEA is not a food but a medicine. Do not confound it with the cheap preparations on the market. They are both guaranteed to do what we claim for them.

If not for sale by your dealer send us his name with yours and we will see that he is promptly supplied.

H. & R. MFG. CO., Madisonville, Tenn.

The editor personally knows the H. & R. Mfg. Co., and recommends them to the readers of THE INDUSTRIOS HEN.

Don't Trifle With Lice



When the henneries are infested with lice and the poultry bothered with the pests, don't trifle with them. Use CHLORO-NAPHTHOLEUM DIP and kill every last one of them. Then after you have killed the lice, continue to use CHLORO-NAPHTHOLEUM DIP for treating Roup, Leukaemia, Scaly Legs, Chicken Cholera, Chicken Pox, and as a disinfectant.

That's what the prominent fanciers and experts do. You can do the same, and are bound to get the same successful results.

CHLORO-NAPHTHOLEUM DIP is non-poisonous, absolutely safe to use; more economical than even home remedies, and vastly more successful. There are no failures when CHLORO-NAPHTHOLEUM DIP is used.

| | | | |
|----------------|--------|-----------------|---------|
| 1 Gallon..... | \$1.50 | 2 Gallons..... | \$ 3.00 |
| 5 Gallons..... | 6.75 | 10 Gallons..... | 12.50 |

WEST DISINFECTING CO. (Inc.)

38 W. Mitchell St., ATLANTA, GA.

Payne's Partridge Wyandottes A SACRIFICE SALE

I now offer three breeding pens for sale. Show record given on each upon request. I can supply your wants this fall with the youngsters that will bring you the blue ribbons, and don't you forget it. My show record at our state fair, Raleigh, N. C., 1904, one cock entered: 1st cock, 2nd, 3rd hen; 1st, 2nd, 3rd cockerel; 1st, 2nd pullet, Mr. C. W. Deny, Judge. Judge Deny remarked, speaking of my first cockerel: "You ought to, by all means, send this bird to Hagerstown, Md., or to the World's Fair. He is the best I have ever had the privilege of handling. They are all O. K."

Eggs \$2 per setting balance of season.

PARTRIDGE WYANDOTTE PARK

J. D. PAYNE, Prop., Lock Box 74, Burlington, N. C.



BROWN LEGHORNS

First Cockerel, second pen, at the World's Fair, St. Louis, Mo. Over 100 regular and special prizes at nine great shows. Free circulars giving matings and show record.

EGGS \$2, \$3 and \$5 per 15

E. E. CARTER, - - - 965 Broadway, Knoxville, Tenn.

is the best treatment, to be followed by thoroughly disinfecting the quarters, and the feeding and drinking troughs so as to destroy any germs that may remain.

If the fowls are worth the trouble, the following treatment, when adopted in the earlier stages, will usually prove effectual: Dissolve two ounces of permanganate of potash in six and one-half pints of water. Completely submerge the fowl's head in this solution, and hold it there as long as the bird can endure it without choking to death. This will cause it to sneeze, thus forcing the solution through the nostrils when it comes in contact with the diseased parts. Repeat two or three times morning and evening. Next dilute some of the same solution with four times as much water and give the fowls to drink, allowing no other water. Do not mistake a cold for roup.—J. J. Vernon, in *Farm and Ranch*.

BRIEF MENTION.

The remedies offered by the H. and R. Mfg. Co., Madisonville, Tenn., are to be relied upon. We are personally acquainted with these gentlemen and they live up to their promises.

* * *

The Wilber Stock Food Co. selected one of Dr. F. S. Bullington's White Minorcas to illustrate their catalog of America's Blue Ribbon Winners and champions of World's Live Stock.

* * *

The editor had a pleasant call from Hon. Reese V. Hicks, the owner of the "Cherokee Farm" at Madisonville, Tenn., a few days since. He reports his R. I. Reds in fine shape and proposes to make it warm for the boys this fall.

* * *

A poultry association has been organized at Macon, Ga., with the following officers: President, E. W. Burke; Vice-President, E. P. O'Connell; Secretary, James M. Rogers; Treasurer, H. M. McKay; Executive committee: R. E. Steed, chairman; Eugene Anderson, Augustus B. Sparks, A. C. Blinn, W. E. Hill.

* * *

Far Superior to Them All.

Mrs. M. Allen, of 349 Whitehall St., Atlanta, Ga., Writes:

"I have used all the so-called hair restorers and have found The 20th Century Hair Tonic far superior to them all. I have used only one bottle. It has stopped the hair from falling out, cured every vestige of dandruff, restored my hair which was getting gray to its natural color. It is a splendid hair dressing and imparts to the hair an attractive and pleasing appearance. I shall always take pleasure in recommending it." For sale by all Druggists.

Eggs Stolen From Other Nests.

I. K. Felch says the fancier and practical poultryman are getting closer together. The poulterer now raises thoroughbreds, and sells his best pullets to the fancier. In this way both wings of the poultry industry flap together.

While it is a fact that poultry culture, being a healthful and profitable occupation, is fitted for those who need outdoor life, it is useless for any one to engage in the business unless he has a natural love for the work.

The men who depend on "luck" will never glut the poultry market.

* * *

The poultry business, if not an art, is a science. It is a business that puts coin into the purse and cheerfulness into the soul. Why, the most confirmed dyspeptic on earth, with "the blues" around in double and twisted corners about the mouth, could not help but whistle, dance and exuberate around a flock of cackling, jolly hens. No misanthrope could long sigh over "this sad, sad earth" if he would get an incubator to working.

* * *

What we want is a uniform system for judging—something to say who should or who is competent to judge, compel him to do the right thing or let him down and out. Place a little of those rules and regulations on him that you put on the exhibitor, compel him to let the best bird win, and skin games and friendship to cease in the show room.

* * *

Don't allow yourself to "run after strange gods," or in other words do not discard the breed you have in hand (if it has proven satisfactory) to take up some other breed or variety that is enjoying a temporary boom. Stick to the old breed at least until the boom on the new one has proved that it is substantial.

* * *

Any method that will keep the hens busy will prove profitable. The hen is naturally active and unless supplied with

East Lake Poultry Farm

BREEDERS OF

Buff Leghorns, Buff Wyandottes and Buff Cochins

EGGS, \$2.50 for 15. Circular free.

B. C. GARMON, = East Lake, Ala.

∴ Fancy Pigeons ∴

THAT'S
ALL

J. P. Pemberton, Chattanooga, Tenn.

White Wyandottes

Chalk White. Large and Blocky.

Eggs \$2.00 for 15; \$3.50 for 30.

C. A. BRYARLY,

Sherman Heights, Tenn.



HIGH SCORING, PRIZE WINNING

Buff Leghorns

and **Buff Orpingtons**

The two most popular breeds for eggs and the table. My Buff Leghorns have been exhibited the past season at Cleveland, Birmingham, Chattanooga, Huntsville, and Atlanta, and have won eleven first, ten second, five third, and three fourth prizes. Stock and eggs for sale at reasonable prices. Any person that buys birds from me has the right to examine them at their express office, and if they are not just as I represent them to be, return them to me at once and I will pay express charges both ways and return to the party every cent paid me and they shall not be out one cent. Who will do you better? Who will do you as well? Send me your orders for stock or eggs.

P. H. WALKER, Cleveland, Tenn.

✻ B. P. ROCKS ✻

(EXCLUSIVELY)

At the great Chattanooga show, December 13-16, 1904, I won 1st and 2nd cockerel (1st pullet tie), 2nd pullet; 1st and 4th pen. No old birds shown. My yards contain the best birds I have ever raised. They are as good as the best. Send me your order for eggs and raise birds that will win for you. Yards headed by prize winners.

EGGS \$2.00 per 15, \$3.50 per 30, \$8.00 per 100.

SATISFACTION GUARANTEED.

C. P. HALE

R. F. D. No. 2

SWEETWATER, TENN.

THEY HAVE CONTRACTED THE HABIT

WHAT? Why of Egg Laying. It could not be helped after being bred to lay nine years by the record system, using trap nests.

BAYNE'S EGG RECORD—WHITE WYANDOTTES.

Blockey, blue-blooded, bred for eggs, farm raised, healthy, hardy hustlers, money makers. The first and longest bred in the South for eggs. Eggs, 15 for \$1.50, 40 for \$3.00, or 100 for \$7.50.

SPECIAL MATING: Hens score 90 to 96. Eggs record 180 to 201. Cock from 201—Egg dam score as ckl. 93. EGGS, 15 for \$2.50, or 30 for \$5.00.

A FEW HENS AND PULLETS FOR SALE

T. L. BAYNE, Cedarcroft, Russellville, Tenn.

something to keep her busy she is liable to get into mischief, such as pulling feathers or eating eggs.

* * *

The coming season will find our people ready to buy breeding stock, incubators, feeds, remedies, machines, etc., that will help them. They will want the best and most people believe—and truly—that the best is always advertised.

* * *

"I don't know anything that a young business man ought to keep more entirely to himself than his dislikes, unless it is his likes. It's generally expensive to have either, but it is bankruptcy to tell about them."

* * *

Politics and science are excellent things to dabble in once in a while, but the poultry business pays all the time. It will bring in good returns fifty-two weeks in the year.

* * *

A feast one day and a famine the next plays havoc with a flock of fowls. Feed regularly and judiciously.

* * *

Always be on time—and you will have to wait for the other fellow.

* * *

If you don't understand the other fellow, just laugh.

One of the finest kennels of Scotch Collie dogs in the South is that of Alf Bertling, College Park, Ga. The bluest of blue blood runs in their veins and they give their traits to their progeny. Bertling knows how to breed Collies as well as Barred Rocks and has over 400 of the latter. The boys will hear from him at the shows.

Mrs. Farmlot—"What is all this talk I hear about proper eggsits in the theaters?"

Mr. Farmlot—"I dunno, unless it's the place where they bring in the eggs to throw at the actors."

Pin Money Poultry

Is the book that tells how to succeed.

Written by
J. H. SLEDD.

The book tells all the details of the work; how to start, how to feed, house and care for the fowls, and how to sell table fowls and eggs at paying prices.

Anybody can do as well by simply following the instruction contained in this book.

Send postpaid to any address with the **INDUSTRIOUS HEN** for 50c.

THE INDUSTRIOUS HEN,
Knoxville, Tenn.

REDUCED PRICES ON EGGS

On account of the wonderful fertility of my eggs this season, I have already hatched as many chicks as I expected to, and therefore for balance of season will sell eggs from my noted Barred Rock Winners at **HALF PRICE.**

\$1.25 per 15; \$7.50 per 100

This is a grand opportunity of getting eggs "for a song" from absolutely the best strain of Barred Plymouth Rocks in the South, having won not only scores of regular and special prizes at the leading shows, but also winners for three years in succession of the American Plymouth Rock Silver Loving Cup for best Cock, Hen, Cockerel and Pullet. No other such show record can be produced.

This is the chance of your life if you want the **BEST.**

A. E. TATE, High Point, N. C.

EGGS! EGGS! EGGS!

Eggs from prize winning Single and Rose Comb Brown and White and Single Comb Buff Leghorns for the low price of \$2 per 15 eggs. Let us have your orders. We will treat you right.

C. B. BUTNER & SONS

Rural Hall, N. C.

Sunny Side Poultry Farm

BURLINGTON, N. C. ✦ C. L. ISLEY, PROPRIETOR.

Breeder of high-class, thoroughbred poultry. My pens this season are mated up with an unusually even lot of fine young birds, the best we have ever owned. All of my pens are headed with prize-winning males and females, and are sure to produce some high-scoring exhibition specimens in Barred, Buff and White Rocks, White Wyandotts, S. C. White and Brown Leghorns. Can furnish birds in any quantity to suit customers and why buy cheap and inferior stock when you can buy the best almost as cheap? Eggs from my finest matings at \$2.00 per 15. Other matings, good birds, at \$1.00 per 15. Incubator eggs \$5.00 per 100. All inquiries promptly answered.

C. L. ISLEY, Burlington, North Carolina.

What is Said of the Industrious Hen.

"I like your cackle."—*Geo. W. Martin.*

* * *

"The best shown in the South yet."—*Uncle Joe.*

* * *

"The HEN is certainly coming to the front."—*Alf. Bertling.*

* * *

"Our ad is bringing us a nice business right along."—*Wilber Bros.*

* * *

"I predict for it a 'top notch' in the near future."—*N. L. Hutchison.*

* * *

"As full of points on poultry as a hog is of bristles."—*Chas. E. Holmes.*

* * *

"We get several poultry papers but like the HEN best of all."—*Walker Bros.*

* * *

"You are certainly doing a great work for the poultry business in the South."—*G. W. Gilliam.*

* * *

"I do not want your head to get too big for your hat but you deserve a lot of credit."—*F. J. Marshall.*

* * *

"I read your journal; giving it preference of all my other poultry exchanges."—*Farm, Garden and Orchard.*

* * *

"I find exceptional value in your reading matter that is seasonable, practical and down to date."—*H. P. Schwab.*

CACKLES.

It is said that "the good die young," but many an old hen appears on the menu card as spring chicken.

* * *

"I suppose you acquired a good deal of useful information while you were on a farm last summer?"

"Yes, I noticed that while black hens lay white eggs, it never happens that white hens lay black eggs."

* * *

Simpson—"Williams has always a good supply of nice fresh eggs; how does he get them?"

Thompson—"His neighbors all keep fowls and never lock their fowlhouse doors."

Simpson—"Ah, I see! Poached eggs, eh?"

* * *

Teacher—"Johnny, what is an average?"

Johnny—"It is what a hen lays an egg on."

Teacher—"How do you make that out?"

Johnny—"Well, I read in the paper that a hen laid an egg every other day on an average."



THE 20TH CENTURY HAIR TONIC

IS THE MIRACLE OF THE AGE. . .

This wonderful preparation is not a DYE, but is a hair and scalp food, and is guaranteed to produce results after all so-called hair restorers have failed. It is strictly a scientific preparation. It will gradually restore gray hair to original color, softness and youthful beauty. It contains neither oil nor grease, and will not gum the hair. Frees the head from and prevents dandruff. Makes the hair grow profusely even on bald heads. Cures any disease of the scalp. It is perfectly harmless in every way. It is an elegant dressing for the hair. 50c. and \$1.00 bottles at druggists, or large size prepaid by express on receipt of \$1.00. Take no substitute. It is the BEST your money can buy.

THE 20TH CENTURY CHEMICAL CO.
BROWNSVILLE, TENN.

GREEN'S

S. C. Brown Leghorns and Fantail Pigeons always wins. Circular free.

JOHN P. GREENE,
625 E. Fifth St., Charlotte, N. C.

REMEMBER

Bruner's White Plymouth Rocks

Are Bred for

FANCY AND UTILITY.

Large Size, Fine Shape,
Pure White and Great Layers.

Line Bred from the
"Best in the World."

Lots of young stock coming on for the Fall and Winter trade.

Some of our this year's breeding stock for sale.

Write for prices and full particulars.

A. F. BRUNER & SON,
R. R. No. 22 PATOKA, INDIANA

SQUABS

Easily raised, ready for market, in twenty-eight days, 50 per cent more profit, 75 per cent less work than poultry. We are selling the finest Belgian Homer Squab Breeders in America. Information and prices free.

ROSEDALE SQUAB CO.

Box 72

Tallapoosa, Ga.

Long View Poultry Farm

Home of Thoroughbred Poultry.

BUFF COCHINS, BLACK LANGSHANS, LIGHT and DARK BRAHMAS, BARRED PLYMOUTH ROCKS, BROWN LEGHORNS, BUFF ORPINGTONS, BLACK MINORCAS, SILVER LACED WYANDOTTES.

Eggs, \$1.50 for Fifteen.

Address,

Long View Poultry Farm,
Sta. A, ATLANTA, GA.

DO YOUR NEED

Rubber Stamps?

THEN SEND YOUR ORDER TO

The Knoxville Stamp Co.

617 Gay Street

Knoxville, Tenn.

B. P. Rocks

AS BRED BY

(Huntsville: Won 2nd cockerel, 1st pullet; tie 2nd and 3d pullet 1st pen.)

W. T. Darby, Florence, Ala.

Win in the fastest company. Egg orders booked now. Write for prices. He will treat you right. Send him a trial order.

Business Bringers.

Breeders' Cards will be run under this head at the rate of one cent a word each insertion. No card taken for less than 25 cents. 25 words will be run for six months for One Dollar. Cash to accompany the order for all Breeders' Cards.

PEKIN DUCKS—I have a surplus of extra fine drakes, either last spring or year olds. Write me for particulars. Uriah Butler, Villa Ridge, Illinois.

BARRED PLYMOUTH ROCKS—America's best; Thompson, Hawkins and Bradley strains. Young stock for sale. Write for prices. T. H. Martin, Sandy Lake, Pa.

HIRAM W. HIEGNER, Mohn's Store, Pa., is ready to fill orders for eggs from W. P. Rocks at \$1.25 for 15; poor hatches duplicated at half price.

PEKIN DUCK EGGS from the best producing strains, 12 for \$1.50, 100 for \$6.00. I am booking orders now for April and May delivery. Uriah Butler, Villa Ridge, Ill.

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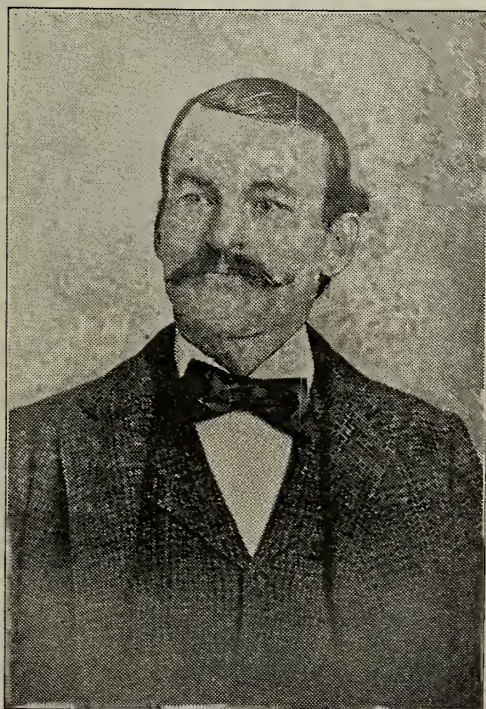
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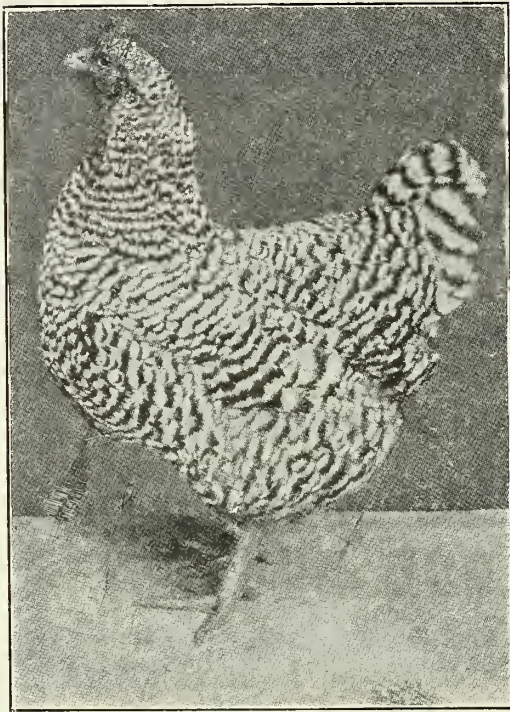
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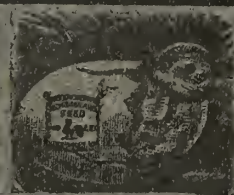
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